

Rev03
 Update: Jun,09,2025

DATASHEET

AAV2

Cat. No.: RP30240

Overview

Description	Pool of 181 peptides derived from a peptide scan (15mers with 11 aa overlap) through Capsid protein (Swiss-Prot ID: P03135) of Adeno-Associated Virus (AAV) - isolate Srivastava/1982 (AAV-2).
Sequence Shortening	MAADGYLPDWLEDTLSEGIRQWWKLKPGPPPKPAERHKDDSRGLVLPGYKYLGPFNGLDKGEPV NEADAALEHDKAYDRQLDSGDNPYLKYNHADAQERLKEDTSFGGNLGRAVFQAKKRVLEPLGL VEEPVKTAPGKKRPVEHSPVEPDSSSGTGKAGQQPARKRLNFGQTGDADSVDPQPPLGQPPAAPS GLGTNTMATGSGAPMADNNEGADGVGNSSGNWHCDSTWMGDRVITTSTRTWALPTYNNHLYKQI SSQSGASNDNHYFGYSTPWGYFDNRFHCHFSRPDWQRLINNNWGRPKRLNFKLFNIQVKEVTQ NDGTTTIANNLTSTVQVFTDSEYQLPYVLGSAHQGCLPPFPADVFMVPQYGYLTLNNGSQAVGRSSF YCLEYFPSQMLRTGNNTFTSYTFEDVPFHSSYAHQSGLDRLMNPLIDQYLYLSRTNTPSGTTTQSRL QFSQAGASDIRDQSRNWLPGPCYRQQRVSKTSADNNNSEYSWTGATKYHLNGRDSLVPNPGPAMAS HKDDEEKFFPQSGVLIFGKQGSEKTNVDIEKVMITDEEEIRTTNPVATEQYGSVSTNLQRGNRQAATA DVNTQGVLPGMVWQDRDVLQGPWAKIPHTDGHFHPSPLMGGFGLKHPPPQILIKNTPVPANPST TFSAAKFASFITQYSTGQVSVEIEWELQKENSKRWNPEIQYTSNYNKSNNVDFTVDNNGVYSEPRPIG TRYLTRNL

Properties

Purity	>70%
Solubility	Soluble in dimethyl sulfoxide (Analytical grade) under 1mg/ml
Form	Lyophilized
Storage	Store at -20°C. Keep tightly closed. Store in a cool dry place.
Note	Please note that we do not provide HPLC and MS reports for each individual peptide within our peptide library products.

Sequence (one-letter-code)

Code	Sequence	Code	Sequence
peptide_1	MAADGYLPDWLEDTL	peptide_2	GYLPDWLEDTLSEGI

peptide_3	DWLEDTLSEGIRQWW	peptide_4	DTLSEGIRQWWKLKP
peptide_5	EGIRQWWKLKPGPPP	peptide_6	QWWKLKPGPPPPKPA
peptide_7	LKPGPPPPKPAERHK	peptide_8	PPPPKPAERHKDDSR
peptide_9	KPAERHKDDSRGLVL	peptide_10	RHKDDSRGLVLPGYK
peptide_11	DSRGLVLPGYKYLGP	peptide_12	LVLPGYKYLGPFNGL
peptide_13	GYKYLGPFNGLDKGE	peptide_14	LGPFNGLDKGEPVNE
peptide_15	NGLDKGEPVNEADAA	peptide_16	KGEPVNEADAAALEH
peptide_17	VNEADAAALEHDKAY	peptide_18	DAAALEHDKAYDRQL
peptide_19	LEHDKAYDRQLDSGD	peptide_20	KAYDRQLDSGDNPYL
peptide_21	RQLDSGDNPYLKYNH	peptide_22	SGDNPYLKYNHADAE
peptide_23	PYLKYNHADAEFQER	peptide_24	YNHADAEFQERLKED
peptide_25	DAEFQERLKEDTSFG	peptide_26	QERLKEDTSFGGNLG
peptide_27	KEDTSFGGNLGRAVF	peptide_28	SFGGNLGRAVFQAKK
peptide_29	NLGRAVFQAKKRVLE	peptide_30	AVFQAKKRVLEPLGL
peptide_31	AKKRVLEPLGLVEEP	peptide_32	VLEPLGLVEEPVKTA
peptide_33	LGLVEEPVKTAPGKK	peptide_34	EEPVKTAPGKKRPVE
peptide_35	KTAPGKKRPVEHSPV	peptide_36	GKKRPVEHSPVEPDS
peptide_37	PVEHSPVEPDSSSGT	peptide_38	SPVEPDSSSGTGKAG
peptide_39	PDSSSGTGKAGQQPA	peptide_40	SGTGKAGQQPARKRL
peptide_41	KAGQQPARKRLNFGQ	peptide_42	QPARKRLNFGQTGDA
peptide_43	KRLNFGQTGDADSV	peptide_44	FGQTGDADSVDPQP
peptide_45	GDADSVDPQPLGQP	peptide_46	SVPDPQPLGQPPAAP
peptide_47	PQPLGQPPAAPSGLG	peptide_48	GQPPAAPSGLGTNTM
peptide_49	AAPSGLGTNTMATGS	peptide_50	GLGTNTMATGSGAPM
peptide_51	NTMATGSGAPMADNN	peptide_52	TGSGAPMADNNEGAD
peptide_53	APMADNNEGADGVGN	peptide_54	DNNEGADGVGNSSGN
peptide_55	GADGVGNSSGNWHCD	peptide_56	VGNSSGNWHCDSTWM
peptide_57	SGNWHCDSTWMGDRV	peptide_58	HCDSTWMGDRVITTS
peptide_59	TWMGDRVITTSTRTW	peptide_60	DRVITTSTRTWALPT
peptide_61	TTSTRTWALPTYNNH	peptide_62	RTWALPTYNNHLYKQ
peptide_63	LPTYNNHLYKQISSQ	peptide_64	NNHLYKQISSQSGAS
peptide_65	YKQISSQSGASNDNH	peptide_66	SSQSGASNDNHYFGY

peptide_67	GASNDNHYFGYSTPW	peptide_68	DNHYFGYSTPWGYFD
peptide_69	FGYSTPWGYFDFNRF	peptide_70	TPWGYFDFNRFHCHF
peptide_71	YFDFNRFHCHFSPRD	peptide_72	NRFHCHFSPRDWQRL
peptide_73	CHFSPRDWQRLINNN	peptide_74	PRDWQRLINNNWGFR
peptide_75	QRLINNNWGFRPKRL	peptide_76	NNNWGFRPKRLNFKL
peptide_77	GFRPKRLNFKLFNIQ	peptide_78	KRLNFKLFNIQVKEV
peptide_79	FKLFNIQVKEVTQND	peptide_80	NIQVKEVTQNDGTTT
peptide_81	KEVTQNDGTTTIANN	peptide_82	QNDGTTTIANNLTST
peptide_83	TTTIANNLTSTVQVF	peptide_84	ANNLTSTVQVFTDSE
peptide_85	TSTVQVFTDSEYQLP	peptide_86	QVFTDSEYQLPYVLG
peptide_87	DSEYQLPYVLGSAHQ	peptide_88	QLPYVLGSAHQGCLP
peptide_89	VLGSAHQGCLPPFPA	peptide_90	AHQGCLPPFPADVFM
peptide_91	CLPPFPADVFMVPQY	peptide_92	FPADVFMVPQYGYLT
peptide_93	VFMVPQYGYLTLNNG	peptide_94	PQYGYLTLNNGSQAV
peptide_95	YLTNNGSQAVGRSS	peptide_96	NNGSQAVGRSSFYCL
peptide_97	QAVGRSSFYCLEYFP	peptide_98	RSSFYCLEYFPSQML
peptide_99	YCLEYFPSQMLRTGN	peptide_100	YFPSQMLRTGNNFTF
peptide_101	QMLRTGNNFTFSYTF	peptide_102	TGNNFTFSYTFEDVP
peptide_103	FTFSYTFEDVPFHSS	peptide_104	YTFEDVPFHSSYAHS
peptide_105	DVPFHSSYAHSQSLD	peptide_106	HSSYAHSQSLDRLMN
peptide_107	AHSQSLDRLMNPLID	peptide_108	SLDRLMNPLIDQYLY
peptide_109	LMNPLIDQYLYLSR	peptide_110	LIDQYLYLSRTNTP
peptide_111	YLYLSRTNTPSGTT	peptide_112	LSRTNTPSGTTTQSR
peptide_113	NTPSGTTTQSRLQFS	peptide_114	GTTTQSRLQFSQAGA
peptide_115	QSRLQFSQAGASDIR	peptide_116	QFSQAGASDIRDQSR
peptide_117	AGASDIRDQSRNWLP	peptide_118	DIRDQSRNWLPGPCY
peptide_119	QSRNWLPGPCYRQQR	peptide_120	WLPGPCYRQQRVSKT
peptide_121	PCYRQQRVSKTSADN	peptide_122	QQRVSKTSADNNNSE
peptide_123	SKTSADNNNSEYSWT	peptide_124	ADNNNSEYSWTGATK
peptide_125	NSEYSWTGATKYHLN	peptide_126	SWGATKYHLNGRDS
peptide_127	ATKYHLNGRDSLVP	peptide_128	HLNGRDSLVPNGPAM
peptide_129	RDSLVPNGPAMASHK	peptide_130	VNPGPAMASHKDDEE

peptide_131	PAMASHKDDEEKFFP	peptide_132	SHKDDEEKFFPQSGV
peptide_133	DEEKFFPQSGVLIFG	peptide_134	FFPQSGVLIFGKQGS
peptide_135	SGVLIFGKQGSEKTN	peptide_136	IFGKQGSEKTNVDIE
peptide_137	QGSEKTNVDIEKVM	peptide_138	KTNVDIEKVMITDEE
peptide_139	DIEKVMITDEEEIRT	peptide_140	VMITDEEEIRTTNPV
peptide_141	DEEEIRTTNPVATEQ	peptide_142	IRTTNPVATEQYGSV
peptide_143	NPVATEQYGSVSTNL	peptide_144	TEQYGSVSTNLQRGN
peptide_145	GSVSTNLQRGNRQAA	peptide_146	TNLQRGNRQAATADV
peptide_147	RGNRQAATADVNTQG	peptide_148	QAATADVNTQGVLP
peptide_149	ADVNTQGVLPGMVWQ	peptide_150	TQGVLPGMVWQDRDV
peptide_151	LPGMVWQDRDVYLQG	peptide_152	VWQDRDVYLQGPIWA
peptide_153	RDVYLQGPIWAKIPH	peptide_154	LQGPIWAKIPHTDGH
peptide_155	IWAKIPHTDGHFHPS	peptide_156	IPHTDGHFHPSPLMG
peptide_157	DGHFHPSPLMGGFGL	peptide_158	HPSPLMGGFGLKHPP
peptide_159	LMGGFGLKHPPPQIL	peptide_160	FGLKHPPPQILIKNT
peptide_161	HPPPQILIKNTPVPA	peptide_162	QILIKNTPVPANPST
peptide_163	KNTPVPANPSTTFSA	peptide_164	VPANPSTTFSAAKFA
peptide_165	PSTTFSAAKFASFIT	peptide_166	FSAAKFASFITQYST
peptide_167	KFASFITQYSTGQVS	peptide_168	FITQYSTGQVSVEIE
peptide_169	YSTGQVSVEIEWELQ	peptide_170	QVSVEIEWELQKENS
peptide_171	EIEWELQKENSkrwn	peptide_172	ELQKENSkrwnPEIQ
peptide_173	ENSKrwnPEIQYTSN	peptide_174	RWNPEIQYTSNYNKS
peptide_175	EIQYTSNYNKSvNVD	peptide_176	TSNYNKSvNVDFTVD
peptide_177	NKSvNVDFTVDtNGV	peptide_178	NVDFTVDtNGVYSEP
peptide_179	TVDTNGVYSEPRPIG	peptide_180	NGVYSEPRPIGTRYL
peptide_181	SEPRPIGTRYLrNL		

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28Yongxi Road, Jiangning District, Nanjing, Jiangsu, China