

Rev01
Update: Jun,13,2023**DATASHEET**

AAV2

Cat. No.: RP30240CN

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	MAADGYMAADGYLPDWLEDTLSEGIRQWWKLPKPPPPKPAERHKDDSRGLVLPGYKYLGPFNGLDKGEPVNEADAAALEHDKAYDRQLDSDGNPYLKYNHADADEFQERLKEDTSFGGNLGRAVFQAKKRVLEPLGLVEEPVKTAPGKKRPVEHSPVEPDSSSGTGKAGQQPARKRLNFGQTGDADSVDPDPQLGQPAAAPSLGTNTMATGSGAPMADNNEGADGVGNSSGNWHCDSTWMDRVITSTRTWALPTYNNHLYKQISSQSGASNDNHYFGYSTPWGYDFNRFHCHFSRWDWQRLINNNWGFPRKRLNFKLFNIQVKEVTQNDGTTTTIANNLTSTVQVFTDSEYQLPYVLGSAHQGCLPPFPADVFMVQYGYLTLNNGSQAVGRSSFYCLEYFPSQMLRTGNNTFTSYTFEDVFPFHSSYAHSQSLDRLMNPLIDQYLYLSRTNTPSGTTTQSRLQFSQAGASDIRDQSRNWLPGPCYRQQRVSKTSADNNNSEYSWTGATKYHLNGRDSLVPNGPAMASHKDDEEKFFPQSGVLIFGKQGSEKTNVDIEKVMITDEEEIRTTNPVATEQYGSVSTNLQRGNRQAATADVNTQGVLPGMVWQDRDQVYLGPIWAKIPHTDGHFHPSPMLGGFGLKHPPPQILIKNTPVPANPSTTFSAAKFASFITQYSTGQVSVEIEWELQKENSKRWNPEIQYTSNYNKSXVNDFTVDTNGVYSEPRPIGTRYLTRNL

Properties

Purity	>70%
Form	Lyophilized
Storage	Store at -20°C. Keep tightly closed. Store in a cool dry place.

Sequence (one-letter-code)

Code	Sequence	Code	Sequence
peptide_1	MAADGYLPDWLEDTL	peptide_2	GYLPDWLEDTLSEGI
peptide_3	DWLEDTLSEGIRQWW	peptide_4	DTLSEGIRQWWKLPK
peptide_5	EGIRQWWKLPKPPPP	peptide_6	QWWKLPKPPPPKPA
peptide_7	LKPPPPPKPAERHK	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	SGDNPYLKYNHADA
peptide_23	PYLKYNHADA EFQER	peptide_24	YNHADA EFQERLKED
peptide_25	DAEFQERLKEDTSFG	peptide_26	QERLKEDTSFGGNL
peptide_27	KEDTSFGGNLGRAVF	peptide_28	SFGGNLGRAVFQAKK
peptide_29	NLGRAVFQAKKRVL	peptide_30	AVFQAKKRVLPLGL
peptide_31	AKKRVLPLGLVEEP	peptide_32	VLEPLGLVEEPVKTA
peptide_33	LGLVEEPVKTAPGKK	peptide_34	EETVKTAPGKKRPVE
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	GDADSVDPQPPLGQP	peptide_46	SVPDPQPPLGQPPAAP
peptide_47	PQPPLGQPPAAPSLG	peptide_48	GQPPAAPSLGTNTM
peptide_49	AAPSLGTNTMATGS	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	TWMGDRVITSTRTW	peptide_60	DRVITSTRTWALPT
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	FGYSTPWGYFDNRF	peptide_70	TPWGYFDNRFHCHF
peptide_71	YFDNRFHCHFSRPD	peptide_72	NRFHCHFSRPDWQRL

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	YLTLNNGSQAVGRSS	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	NTPSGTTTQSQLQFS	peptide_114	GTTTQSQLQFSQAGA
peptide_115	QSQLQFSQAGASDIR	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	SWTGATKYHLNGRDS
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	QGSEKTNVDIEKVMI	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	QAATADVNTQGVLPG
peptide_149	ADVNTQGVLPGMVWQ	peptide_150	TQGVLPGMVWQDRDV
peptide_151	LPGMVWQDRDVYLQG	peptide_152	VWQDRDVYLQGIWA
peptide_153	RDVYLQGIWAKIPH	peptide_154	LQGIWAKIPHTDGH
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	EIQYTSNYNKS VNVD	peptide_176	TSNYNKS VNVDFTVD
peptide_177	NKSVNVDFTVDTNGV	peptide_178	NVDFTVDTNGVYSEP
peptide_179	TVDTNGVYSEPRPIG	peptide_180	NGVYSEPRPIGTRYL
peptide_181	SEPRPIGTRYLTRNL		

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