

CERTIFICATE OF ANALYSIS

Product Name	SARS-CoV-2 Spike Glycoprotein RBD B.1.1.7-Alpha
Order ID	RP30026
Lot No	E6865022D
Sequence	See appendix for details
Modification	N/A
Size	1.325mg
Storage	-20°C
Recommended Solvent*	Dimethyl sulfoxide(Analytical grade)
HPLC purity	Crude
Appearance	White lyophilized powder
Comments	TFA salts

*Note: Above recommended solvents for reference only. If there is any request for detailed dissolution conditions, we suggest you choose our 'Peptide Solubility Test Service'.

Caution:

For laboratory or further manufacturing use only. Not intended for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (TollFree), or 1-732-885-9188.

Certified by: *Tingting Cai*

Date: 04/15/2022

Thank you for your patronage to our Peptide services! To maintain this working relationship, we shall be grateful if you can add our webpage URL into your lab website. As a token of appreciation, you will be rewarded by 1,000 EZcoupon™ points. For more information, please contact us by e-mail at web@genscript.com.

Appendix:

Sequence	MW	Quantity	Purity
RVQPTESIVRFPNIT	1757.01	25ug	Crude
TESIVRFPNITNLCP	1703.97	25ug	Crude
VRFPNITNLCPFGEV	1705.98	25ug	Crude
NITNLCPFGEVFNAT	1639.84	25ug	Crude
LCPFGEVFNATRFAS	1658.88	25ug	Crude
GEVFNATRFASVYAW	1717.89	25ug	Crude
NATRFASVYAWNRRKR	1840.06	25ug	Crude
FASVYAWNRRKRISNC	1815.07	25ug	Crude
YAWNRRKRISNCVADY	1859.08	25ug	Crude

RKRISNCVADYSVLY	1787.06	25ug	Crude
SNCVADYSVLYNSAS	1592.69	25ug	Crude
ADYSVLYNSASFSTF	1671.77	25ug	Crude
VLYNSASFSTFKCYG	1686.89	25ug	Crude
SASFSTFKCYGVSPT	1581.75	25ug	Crude
STFKCYGVSPTKLND	1659.87	25ug	Crude
CYGVSP TKLNDLCFT	1660.92	25ug	Crude
SPTKLNDLCFTNVYA	1685.9	25ug	Crude
LNDLCFTNVYADSFV	1720.9	25ug	Crude
CFTNVYADSFVIRGD	1706.88	25ug	Crude
VYADSFVIRGDEVRQ	1753.92	25ug	Crude
SFVIRGDEVRQIAPG	1643.85	25ug	Crude
RGDEVRQIAPGQTGK	1611.77	25ug	Crude
VRQIAPGQTGKIADY	1616.82	25ug	Crude
APGQTGKIADYNYKL	1638.83	25ug	Crude
TGKIADYNYKLPDDF	1759.92	25ug	Crude
ADYNYKLPDDFTGCV	1720.86	25ug	Crude
YKLPDDFTGCVIAWN	1741.97	25ug	Crude
DDFTGCVIAWNSNLL	1668.79	25ug	Crude
GCVIAWNSNLLDSKV	1619.81	25ug	Crude
AWNSNLLDSKVG GNY	1638.7	25ug	Crude
NNLDSKVG GNYNYLY	1733.84	25ug	Crude
SKVG GNYNYLYR LFR	1850.09	25ug	Crude
GNYNYLYR LFRKSNL	1921.17	25ug	Crude
YLYR LFRKSNLKPFE	1974.32	25ug	Crude
LFRKSNLKP FERDIS	1850.14	25ug	Crude
SNLKP FERDISTEIY	1811.99	25ug	Crude
P FERDISTEIYQAGS	1712.82	25ug	Crude
DISTEIYQAGSTPCN	1598.69	25ug	Crude
EIYQAGSTPCNGVEG	1524.62	25ug	Crude
AGSTPCNGVEGFNCY	1518.63	25ug	Crude
PCNGVEGFNCYFPLQ	1687.9	25ug	Crude
VEGFNCYFPLQSYGF	1770.97	25ug	Crude
NCYFPLQSYGFQPTY	1828.02	25ug	Crude
PLQSYGFQPTYGVGY	1676.83	25ug	Crude
YGFQPTYGVGYQPYP	1795.95	25ug	Crude
PTYGVGYQPYPVVVL	1710.98	25ug	Crude
VGYPYPVVVLSFEL	1769.06	25ug	Crude
PYPVVVLSFELLHAP	1740.06	25ug	Crude
VVLSFELLHAPATVC	1598.91	25ug	Crude
FELLHAPATVCGPKK	1610.93	25ug	Crude
HAPATVCGPKKSTNL	1523.76	25ug	Crude
TVCGPKKSTNLVKNK	1616.93	25ug	Crude
PKKSTNLVKNKCVNF	1720.05	25ug	Crude