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PRODUCT DATA SHEET

Product SARS-CoV-2 (Spike Glycoprotein) Peptide Pool – Eta Variant (B.1.525)

Product No. LB01953

Protein ID P0DTC2 (swiss prot)

No. of peptides 31 peptides

Amount 15 nmol (approx. 25ug)/peptide for stimulation of 2,5 x 10^8 cells

Source Protein name: Spike (or Surface) Glycoprotein
Gene name: S
Organism: Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) Length: 1273 amino acids
Sequences:

KVFRSSVLHSTRDLF	PFLGVHKNNKSWMES	PIGAGICASYQTHTN
SSVLHSTRDLFLPFF	VHKNNKSWMESEFRV	GICASYQTHTNSPRR
HSTRDLFLPFFSNVT	NKSWMESEFRVYSSA	SYQTHTNSPRRARSV
DLFLPFFSNVTWFHV	MESEFRVYSSANNCT	HTNSPRRARSVASQS
PFFSNVTWFHVISGT	FRVYSSANNCTFEYV	LLAGTITSGWTLGAG
NVTWFHVISGTNGTK	YQAGSTPCNGVKGFN	TITSGWTLGAGAALQ
FHVISGTNGTKRFDN	STPCNGVKGFNCYFP	GWTLGAGAALQIPFA
SGTNGTKRFDNPVLP	NGVKGFNCYFPLQSY	
GTKRFDNPVLPFNDG	GTNTSNQVAVLYQGV	
VIKVCEFQFCNDPFL	SNQVAVLYQGVNCTE	
CEFQFCNDPFLGVHK	AVLYQGVNCTEVPVA	
FCNDPFLGVHKNNKS	QGVNCTEVPVAIHAD	

Quality Each peptide ESI-MS checked, pool is purified by solid phase extraction

Remark The peptides of this product are supplied as trifluoro acetate salts. This pool consists of 31 peptides of mutant B.1.525

Storage, Stability Store dry at -20°C, best before if unopened 1 year after delivery

Solubility Dissolve in a minimum amount of pure DMSO (approx. 40µl) and dilute with water to the desired concentration. Please pay attention that the final concentration of DMSO must be below 1% (v/v) to avoid toxicity in the biological system.

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