

Rev01
Update: Dec,28,2022

DATASHEET

SARS-CoV-2 ORF9B

Cat. No.: RP30019

Overview

Description	This pool includes 22 peptides derived from a peptide scan (15mers with 11 aa overlap) through the entire Protein 9b (Protein ID: P0DTD2) of SARS-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) for T cell assays.
Sequence	MDPKISEMHPALRLVDPQIQLAVTRMENAVGRDQNNVGPVKVYPIILRLGSPSLNMARKTLNSLEDK AFQLTPIAVQMTKLATTEELPDEFVWTVK

Properties

Purity	Crude
Solubility	Dissolve in a minimum amount of pure DMSO (approx. 40 µl) and dilute with PBS buffer to the final concentration. Please note that the final concentration of DMSO must be below 1 % (v/v) to avoid toxicity in the biological system.
Form	Lyophilized
Storage	Store at -20°C.
Note	The peptides of this product are supplied as trifluoroacetate salts

Applications

T-cell assays, Immune monitoring, Antigen specific T-cell stimulation, T-cell expansion, Cellular immune response

Sequence (one-letter-code)

Code	Sequence	Code	Sequence
peptide_1	MDPKISEMHPALRLV	peptide_2	ISEMHPALRLVDPQI
peptide_3	HPALRLVDPQIQLAV	peptide_4	RLVDPQIQLAVTRME
peptide_5	PQIQLAVTRMENA VG	peptide_6	LAVTRMENA VGRDQN
peptide_7	RMENA VGRDQNNVGP	peptide_8	AVGRDQNNVGPKVYP
peptide_9	DQNNVGPKVYPPIILR	peptide_10	VGPKVYPPIILRLGSP
peptide_11	VYPIILRLGSPLSLN	peptide_12	ILRLGSPLSLNMARK
peptide_13	GSPLSLNMARKTLNS	peptide_14	SLNMARKTLNSLEDK
peptide_15	ARKTLNSLEDKAFQL	peptide_16	LNSLEDKAFQLTPIA
peptide_17	EDKAFQLTPIAVQMT	peptide_18	FQLTPIAVQMTKLAT
peptide_19	PIAVQMTKLATTEEL	peptide_20	QMTKLATTEELPDEF
peptide_21	LATTEELPDEFVWVT	peptide_22	EELPDEFVWTVK