GenScript
Make Research Easy

Rev04
Update: Feb,16,2022

DATASHEET

SARS-CoV-2 ORF8

Cat. No.: RP30017

Overview

Description	This pool includes 28 peptides derived from a peptide scan (15mers with 11 aa overlap) through the entire Non-structural protein 8 (Protein ID: P0DTC8) of SARS-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) for T cell assays (e.g. ELISPOT).
Sequence	MKFLVFLGIITTVAAFHQECSLQSCTQHQPYVVDDPCPIHFYSKWYIRVGARKSAPLIELCVDEAGSKS PIQYIDIGNYTVSCLPFTINCQEPKLGSLVVRCSFYEDFLEYHDVRVVLDFI

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)

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Code	Sequence	Code	Sequence
peptide_1	MKFLVFLGIITTVAA	peptide_2	VFLGIITTVAAFHQE
peptide_3	IITTVAAFHQECSLQ	peptide_4	VAAFHQECSLQSCTQ
peptide_5	HQECSLQSCTQHQPY	peptide_6	SLQSCTQHQPYVVDD
peptide_7	CTQHQPYVVDDPCPI	peptide_8	QPYVVDDPCPIHFYS
peptide_9	VDDPCPIHFYSKWYI	peptide_10	CPIHFYSKWYIRVGA
peptide_11	FYSKWYIRVGARKSA	peptide_12	WYIRVGARKSAPLIE
peptide_13	VGARKSAPLIELCVD	peptide_14	KSAPLIELCVDEAGS
peptide_15	LIELCVDEAGSKSPI	peptide_16	CVDEAGSKSPIQYID
peptide_17	AGSKSPIQYIDIGNY	peptide_18	SPIQYIDIGNYTVSC
peptide_19	YIDIGNYTVSCLPFT	peptide_20	GNYTVSCLPFTINCQ
peptide_21	VSCLPFTINCQEPKL	peptide_22	PFTINCQEPKLGSLV
peptide_23	NCQEPKLGSLVVRCS	peptide_24	PKLGSLVVRCSFYED
peptide_25	SLVVRCSFYEDFLEY	peptide_26	RCSFYEDFLEYHDVR
peptide_27	YEDFLEYHDVRVVLD	peptide_28	LEYHDVRVVLDFI