

Rev01  
Update: Dec,28,2022

**DATASHEET**

# SARS-CoV-2 ORF8

Cat. No.: RP30017

## Overview

<b>Description</b>	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).
<b>Sequence</b>	MKFLVFLGIITVAAFHQECSLQSQCTQHQPYYVDDPCPIHFYSKWYIRVGARKSAPLIELCVDEAGSKS PIQYIDIGNYTVSCLPFTINCQEPKLGSLVVRCSFYEDFLEYHDVRVWLDFI

## Properties

<b>Purity</b>	Crude
<b>Solubility</b>	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.
<b>Form</b>	Lyophilized
<b>Storage</b>	Store at -20°C.
<b>Note</b>	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	MKFLVFLGIITVAA	peptide_2	VFLGIITVAAFHQE
peptide_3	IITVAAFHQECSLQ	peptide_4	VAAFHQECSLQSCTQ
peptide_5	HQECSLQSCTQHQPY	peptide_6	SLQSCTQHQPYWDD
peptide_7	CTQHQPYWDDPCPI	peptide_8	QPYWDDPCPIHFYS
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	GNYSCLPFTINCQ
peptide_21	VSCLPFTINCQEPKL	peptide_22	PFTINCQEPKLGSLV
peptide_23	NCQEPKLGSLVWRC	peptide_24	PKLGSLVWRCSFYED
peptide_25	SLVWRCSFYEDFLEY	peptide_26	RCSFYEDFLEYHDVR
peptide_27	YEDFLEYHDVRVLD	peptide_28	LEYHDVRVLDLFI