

Rev01  
Update: Dec,28,2022

## DATASHEET

# SARS-CoV-2 ORF7b

Cat. No.: RP30015CN

## Overview

<b>Description</b>	This pool includes 8 peptides derived from a peptide scan (15mers with 11 aa overlap) through the entire Non-structural Protein 7b (Protein ID: P0DTD8) of SARS-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) for T cell assays.
<b>Sequence</b>	MIELSLIDFYLCFLAFLLLFLVLIMLIIFWFSLELQDHNETCHA

## 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	MIELSLIDFYLCFLA	peptide_2	SLIDFYLCFLAFLLF
peptide_3	FYLCFLAFLLLFLVLI	peptide_4	FLAFLLLFLVLIMLII
peptide_5	LLFLVLIMLIIFWFS	peptide_6	VLIMLIIFWFSLELQ
peptide_7	LIIFWFSLELQDHNE	peptide_8	WFSLELQDHNETCHA