

Rev01
Update: Dec,28,2022

DATASHEET

SARS-CoV-2 E

Cat. No.: RP30021

Overview

Description	This pool includes 16 peptides derived from a peptide scan (15mers with 11 aa overlap) through the entire Envelope small membrane protein (Protein ID: P0DTC4) of SARS-CoV-2 (Severe Acute Respiratory Syndrome-related coronavirus 2) for T cell assays.
Sequence	MYSFVSEETGTLIVNSVLLFLAFVFLVTLAILTALRLCAYCCNIVNVLKPSFVYSRVKNLNSSRVP DLLV

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	MYSFVSEETGTLIVN	peptide_2	VSEETGTLIVNSVLL
peptide_3	TGTLIVNSVLLFLAF	peptide_4	IVNSVLLFLAFWFL
peptide_5	VLLFLAFVFLLVTL	peptide_6	LAFVFLLVTLAILT
peptide_7	VFLLVTLAILTALRL	peptide_8	VTLAILTALRLCAYC
peptide_9	ILTALRLCAYCCNIV	peptide_10	LRLCAYCCNIVNVS
peptide_11	AYCCNIVNVS	peptide_12	NIVNVS
peptide_13	VSLVKPSFYVYSRVK	peptide_14	KPSFYVYSRVKLNLS
peptide_15	YVYSRVKLNSSRVP	peptide_16	RVKLNSSRVPDLLV