



## PRODUCT DATA SHEET

<b>Product</b>	SARS-CoV-2 (M-Protein) Peptide Pool
<b>Product No.</b>	LB01794
<b>Protein ID</b>	P0DTC5 (swiss prot)
<b>No. of peptides</b>	53 peptides (peptide scan 15/11)
<b>Amount</b>	15 nmol (approx. 25ug)/peptide for stimulation of $2,5 \times 10^8$ cells
<b>Source</b>	Protein name: Membrane protein Gene name: M Organism: Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) Length: 222 amino acids Sequence:  MADSNGTITVEELKKLLEQWNLVIGFLFTWICLLQFAYANRNRFLYIIKLI FLWLLWPV TLACFVLA AVYRINWITGGIAIAMA CLVGLMWLSYFIASFRLFARTRSMWSFNPETNILL NVPLHGTILTRP LLESELVIGAVILRGHLRIAGHHLGRCDIKDLPKEITVATSRTL SYYK LGASQRVAGDSGFAAYSRYRIGNYKLNTDHSSSSDNIALLVQ
<b>Quality</b>	Each peptide ESI-MS checked, pool is purified by solid phase extraction
<b>Remark</b>	The peptides of this product are supplied as trifluoro acetate salts. This pool consists of 53 peptides.
<b>Storage, Stability</b>	Store dry at -20°C, best before if unopened 1 year after delivery
<b>Solubility</b>	Dissolve in a minimum amount of pure DMSO (approx. 40µl) and dilute with water to the desired concentration. Please pay attention that the final concentration of DMSO must be below 1% (v/v) to avoid toxicity in the biological system.