

PRODUCT DATA SHEET

Product VZV (gE) Peptide Pool
Product No. LB01818

Protein ID P09259 (UniProt)

No. of peptides 153 peptides (peptide scan 15/11)

Amount 15 nmol (approx. 25ug)/peptide for stimulation of $2,5 \times 10^8$ cells

Source Protein name: Envelope glycoprotein E
Gene name: gE
Organism: Varicella-zoster virus (strain Dumas) (HHV-3) (Human herpesvirus 3)
Length: 623 amino acids

Sequence:

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MGTVNKPVVGVLMGFGIITGTLRITNPVRASVLRYYDDFHTDEDKLDNTNSVYEPYYHSDHAESSW
VNRGESSRKAYDHNSPYIWPNDYDGFLENAHEHHGVYNQGRGIDSGERLMQPTQMSAQEDLGD
DTGIHVIPTLNGDDRHKIVNVDQRQYGDVFKGDLNPKPQGQRLIEVSVEENHPFTLRAPIQRIY
GVRYTETWSFLPSLTCTGDAAPAIQHICLKHTTCFQDVVVDVDC AENTKEDQLAEISYRFQGKK
EADQPWIVVNTSTLFDLELDPEIEPGVLKVLRTKQYLGVIWNMRGSDGTSTYATFLVTWK
GDEKTRNPTPAVTPQPRGAEFHMWNYHSHVFSVGDTFSLAMHLQYKIH EAPFDLLEWLYVPID
PTCQPMRLYSTCLYHPNAPQCLSHMNSGCTFTSPHLAQRVASTVYQNC EHADNYTAYCLGISHM
EPSFGLILHDGGTTLKFVDTPESLSGLYVFVVYFNGHVEAVAYTVVSTVDH FVNAIEERGFPPT
AGQPPATTKPEITPVNPGTSPLLRYAAWTGGLAAVLLCLVIFLICTAKRMRVKAYRVDKSPY
NQSMYYAGLPVDDFEDSESTDTEEEFGNAIGGSHGSSYTVYIDKTR
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Quality Each peptide ESI-MS checked, pool is purified by solid phase extraction

Remark The peptides of this product are supplied as trifluoroacetate salts.
This pool consists of 153 peptides.

Storage, Stability Store dry at -20°C , best before if unopened 1 year after delivery

Solubility Dissolve in a minimum amount of pure DMSO (approx. 40 μl) 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.