

## Product Data Sheet

**Product:** PepMix SIV (ENV)  
**Product code:** PM-SIV-ENV  
**Source:** Simian immunodeficiency virus (SIV)  
 Envelope protein  
**Protein ID:** E7CWP5  
**Gene ID:** env  
**No. of peptides:** 217 peptides (15mers with 11 aa overlap)  
**Amount:** 25 µg (approx. 15 nmol) / peptide (for stimulation of up to 2,5 x 10<sup>8</sup> cells)  
**Length:** 879 aa

**Sequence:**

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MGCLGNQLLI AILLLSVYGI YCTLYVTVFY GVPAWRNATI PLFCATKNRD TWGTTQCLPD
NGDYSEVALN VTESFDANN TVTEQAIEDV WQLFETSIKP CVKLSPLCIT MRCNKSETDR
WGLTKSITTT ASTTSTTASA KVDMVNETSS CIAQDNCTGL EQEQMISCKF NMTGLKRDKK
KEYNETWYSA DLVCEQGNNT GNESRCYMNH CNTSVIQESC DKHYWDAIRF RYCAPPGYAL
LRCNDTNYSG FMPKCSKVVV SSCTRMETQ TSTWFGFNGT RAENRTYIYW HGRDNRTIIS
LNKYYNLTMK CRRPGNKTVL PVTIMSGLVF HSQPINDRPK QAWCWFGGKW KDAIKEVKQT
IVKHPRYTGT NNTDKINLTA PGGGDPEVTF MWTNCRGEFL YCKMNWFLNW VEDRNTANQK
PKEQHCRNYV PCHIRQIINT WHKVGKNVYL PPREGDLTCN STVTSLIANI DWIDGNQTNI
TMSAEVAELY RLELGDYKLV EITPIGLAPT DVKRYTTGGT SRNKRGVFVL GFLGFLATAG
SAMGAASLTL TAQSRTLLAG IVQQQQQLLD VVKRQQELLR LTVWGTKNLQ TRVTAIEKYL
KDQAQLNAWG CAFRQVCHTT VPWPNASLTP KWNNETWQEW ERKVDFLEEN ITALLEEAQI
QQEKNMYELQ KLNSWDVFGN WFDLASWIKY IQYGVYIVVG VILLRIVIYI VQMLAKLRQG
YRPVFSSPPS YFQQTHIQD PALPTREGKE RDGEGGGNS SWPWQIEYIH FLIRQLIRLL
TWLFSNCRTL LSRVYQILQP ILQRLSATLQ RIREVLRTTEL TYLQYGWSYF HEAVQAVWRS
ATETLAGAWG DLWETLRRGG RWILAIPRRI RQGLELTL
  
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**Purity:** Development Grade: each peptide purified to > 70% (HPLC/MS)  
**Appearance:** white to off-white lyophilisate  
**Remark:** The peptides of this product are supplied as freeze-dried trifluoroacetate salts. For research use only.  
**Storage conditions:** Store at - 20°C.  
**Application protocol:** <https://jpt.com/support-contact/resources/application-protocols/>

**Use recommended within 6 months**

