

## Product Data Sheet

<b>Product:</b>	PepMix M. tuberculosis (EspA)
<b>Label name:</b>	M. tub. (EspA)
<b>Product code:</b>	PM-MYCTU-ESPA
<b>Source:</b>	M. Tuberculosis strain ATCC 25618 / H37Rv ESX-1 secretion-associated protein EspA
<b>Protein ID:</b>	P9WJE1
<b>Gene ID:</b>	espA
<b>No. of peptides:</b>	96 peptides (15mers with 11 aa overlap)
<b>Amount:</b>	25 µg (approx. 15 nmol) / peptide (for stimulation of up to 2,5 x 10 <sup>8</sup> cells)
<b>Length:</b>	392 aa
<b>Sequence:</b>	MSRAFIIDPT ISAIDGLYD L LGIGIPNQ GG ILYSSLE YFE KALEEL AAAF PGDGW LGSAA DKYA GKNRNH VNF FQELADL DR QLISLIHD Q ANAVQTRD ILEGAKKGLE FVRPVAVDL T YIPVVGHA LS AAFQAPF CAG AMAVVG GALA YLVVK TLINA TQLL KLLAKL AEL VAAAIAD II SDVADIK G TLGEVWEFI TNALNGLKEL WDKLTGWVT G LFSRGWSN LE SFFAGVP GLT GATSGL SQVT GLFGA AGLSA SSSL AHADSL ASS ASLPALA GI GGGSGFGG L PSLAQVHAA STRQALRPRA DGPVGAAAE Q VGGQSQLV SA QGSQGMG GPV GMGGMH PSSG ASKGT TTKKY SEGA AAGTED AER APVEADA GG GQKVLVRN V V
<b>Purity:</b>	Development Grade: each peptide purified to > 70% (HPLC/MS)
<b>Appearance:</b>	white to off-white lyophilisate
<b>Remark:</b>	The peptides of this product are supplied as freeze-dried trifluoroacetate salts. For research use only.
<b>Storage conditions:</b>	Store at - 20°C.
<b>Application protocol:</b>	<a href="https://jpt.com/support-contact/resources/application-protocols/">https://jpt.com/support-contact/resources/application-protocols/</a>

**Use recommended within 6 months**