



# Recombinant ESX-1 secretion-associated protein EspB (espB)

<b>Product Code</b>	CSB-MP835906MVZ
<b>Abbreviation</b>	espB
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P9WJD9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mycobacterium tuberculosis (strain ATCC 25618 / H37Rv)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTQSQTVTVD QQEILNRANE VEAPMADPPT DVPITPCELT AAKNAAQQLV LSADNMREYL AAGAKERQRL ATSLRNAAKA YGEVDEEAAT ALDNDGEGTV QAESAGAVGG DSSAELTDTP RVATAGEPNF MDLKEAARKL ETGDQGASLA HFADGWNTFN LTLQGDKVRF RGFNDWEGDA ATACEASLDQ QRQWILHMAK LSAAMAKQAQ YVAQLHVWAR REHPTYEDIV GLERLYAENP SARDQILPVY AEYQQRSEKV LTEYNNKAAL EPVNPCKPPP AIKIDPPPPP QEQLIPGFL MPPSDGSGVT PGTGMPAAPM VPPTGSPGGG LPADTAAQLT SAGREAAALS GDVAVKAASL GGGGGGGVPS APLGSAIGGA ESVRPAGAGD IAGLGQGRAG GGAALGGGGM GMPMGAAHQG QGGAKSKGSQ QEDEALYTED RAWTEAVIGN RRRQDSKESK
<b>Source</b>	Mammalian cell
<b>Target Names</b>	espB
<b>Protein Names</b>	Recommended name: ESX-1 secretion-associated protein EspB Alternative name(s): Antigen MTB48
<b>Expression Region</b>	1-460
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.