



# Recombinant Haemophilus influenzae UDP-N-acetylmuramate:L-alanyl-gamma-D-glutamyl-meso-diaminopimelate ligase (mpl)

<b>Product Code</b>	CSB-EP337588HTA-B
<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>	P43948
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Haemophilus influenzae (strain ATCC 51907 / DSM 11121 / KW20 / Rd)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKHIHILGIC GTFMGGVAMI AKQMGYHVTG SDTNVYPPMS TFLEEQGIEI IPNYDVAQLQ PAPDMVIVGN AMKRGNPCVE YVLENNLKYT SGPQWLHDHL LRDRWVLAVS GTHGKTTTTG MLTWVLEQNG LKSGFLIGGI AGNFGISARL GDSPYFIEA DEYDTAFFDK RSKFVHYNPR TLIVNNISFD HADIFDDLKA IQRQFHMMIR TIPASGLVLS SASEQSAKET LALGCWSQQQ FLGKDNEWFA ERITNDASHF AVFHHGEKVA EVKWNVVGQH NMHNALMAIA AAHHTGVAIE DACKALGSFV NAKRRLEVKG EVNSITVYDD FAHHPEAILA TLTALRDKVG GGVRILAVLE PRSNTMKMGV HKDDIAPALG RADAVFMLQP EQLSWEVADI ANQCVQPAYW NANLDRLVDM IVAKAQPTDH ILVMSNGSFG GIHQKILDKL KLLK
<b>Source</b>	E.coli
<b>Target Names</b>	mpl
<b>Protein Names</b>	Recommended name: UDP-N-acetylmuramate:L-alanyl-gamma-D-glutamyl-meso-diaminopimelate ligase EC= 6.3.2.- Alternative name(s): Murein peptide ligase
<b>Expression Region</b>	1-453
<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.