



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

Product Code	CSB-EP337588HTA
Storage	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.
Uniprot No.	P43948
Product Type	Recombinant Protein
Immunogen Species	Haemophilus influenzae (strain ATCC 51907 / DSM 11121 / KW20 / Rd)
Purity	>85% (SDS-PAGE)
Sequence	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 KLK
Source	E.coli
Target Names	mpl
Protein Names	Recommended name: UDP-N-acetylmuramate:L-alanyl-gamma-D-glutamyl-meso-diaminopimelate ligase EC= 6.3.2.- Alternative name(s): Murein peptide ligase
Expression Region	1-453
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	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.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients,



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