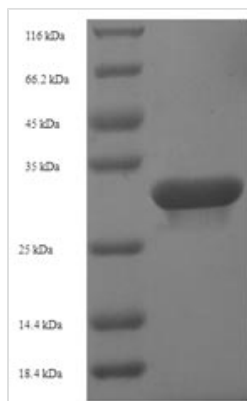




Recombinant Human Guanosine-3',5'-bis (diphosphate) 3'-pyrophosphohydrolase MESH1 (HDDC3)

Product Code	CSB-EP836666HU
Relevance	ppGpp hydrolyzing enzyme involved in starvation response.
Abbreviation	Recombinant Human HDDC3 protein
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.	Q8N4P3
Alias	HD domain-containing protein 3Metazoan SpoT homolog 1 ;MESH1;Penta-phosphate guanosine-3'-pyrophosphohydrolase ;(ppGpp)ase
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	GSEAAQLLEAADFAARKHRQRRKDPEGTPYINHPIGVARILTHEAGITDIVVL QAALLHDTVEDTDTTLDELHFGAQVRRLVVEVTDDKTLPKLERKRLQVEQA PHSSPGAKLVKLADKLYNLRDLNRCTPEVKIQ
Research Area	Cell Biology
Source	E.coli
Target Names	HDDC3
Protein Names	Recommended name: Guanosine-3',5'-bis(diphosphate) 3'-pyrophosphohydrolase MESH1 EC= 3.1.7.2 Alternative name(s): HD domain-containing protein 3 Metazoan SpoT homolog 1 Short name= MESH1 Penta-phosphate guanosine-3'-pyrophosp
Expression Region	2-140aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	31.6kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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, 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.