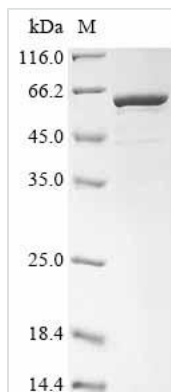




Recombinant Human N(6)-adenine-specific methyltransferase METTL4 (METTL4)

Product Code	CSB-EP850793HU
Abbreviation	Recombinant Human METTL4 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.	Q8N3J2
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Human Methyltransferase-like protein 4(METTL4)
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MSVVHQLSAGWLLDHLFSINKINYQLHQHHEPCCRKKEFTTSVHFESLQMDSV SSSGVCAAFIASDSSTKPENDDGGNYEMFTRKFVFRPELFDVTKPYITPAVHK ECQQSNEKEDLMNGVKKEISISIIGKKRKRCVVFNQGELDAMEYHTKIRELILDG SLQLIQEGLKSGFLYPLFEKQDKGSKPITLPDACSLSELCEMAKHLPSLNEME HQTLLQVEEDTSVTEQDLFLRVVENNSSFTKVITLMGQKYLLPPKSSFLLSDIS CMQPLLNYRKTFDVIDPPWQNKSVKRSNRYSYLSPLQIQIPIPKLAAPNCLL VTWVTNRQKHLRFIKEELYPSWSVEVVAEWHWVKITNSGEFVFPPLDSPHKKP YEGILGRVQEKTALPLRNADVNLPIPDHKLIVSVPCTLHSHKPPLAEVLKDYI KPDGEYLELFARNLQPGWTSWGNEVLKFQHVDFIIVESGS
Research Area	Others
Source	E.coli
Target Names	METTL4
Expression Region	1-472aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	61.5 kDa
Protein Length	Full Length
Image	



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

Description

The preparation of the recombinant Human METTL4 protein involves manipulating the expression of the desired gene in e.coli cells. The sequence (1-472aa) of foreign DNA is fused to an expression vector and then introduced into e.coli cells. Selected positive cells are cultured to induce the expression of the desired protein. The protein features a N-terminal 10xHis tag and C-terminal Myc tag fusion. The recombinant targeted protein is subjected to affinity purification. Its purity exceeds 85% as assessed by SDS-PAGE.

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.