

Product datasheet for **TP316594L**

METTL21D (VCPKMT) (NM_001040662) Human Recombinant Protein

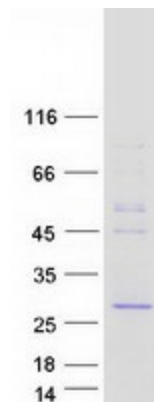
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 14 open reading frame 138 (C14orf138), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216594 representing NM_001040662 Red =Cloning site Green =Tags(s) MADTLESSLEDPLRSFVRVLEKRDGTVLRLQQYSSGGVGCVVWDAAIVLSKYLETPEFSGDGAHALSRRS VLELGSGTGAVGLMAATLGADVVTDLLELQDLLKMNINMNKHLVTGSGVQAKVLKWGEEIEGFPSPPDFI LMADCIYYEESLEPLLKTLKDISGFETCIICCYEQRTMGKNPEIEKKYFEKFPS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	21.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001035752</u>
Locus ID:	79609
UniProt ID:	<u>Q9H867</u>


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RefSeq Size:	1679
Cytogenetics:	14q21.3
RefSeq ORF:	582
Synonyms:	C14orf138; METTL21D; VCP-KMT
Summary:	Protein-lysine N-methyltransferase that specifically trimethylates 'Lys-315' of VCP/p97; this modification may decrease VCP ATPase activity.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified VCPKMT protein (Cat# [TP316594]). The protein was produced from HEK293T cells transfected with VCPKMT cDNA clone (Cat# [RC216594]) using MegaTran 2.0 (Cat# [TT210002]).