

## Product datasheet for PH323670

### METTL21D (VCPKMT) (NM\_024558) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	C14orf138 MS Standard C13 and N15-labeled recombinant protein (NP_078834)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223670
Predicted MW:	25.6 kDa
Protein Sequence:	>RC223670 representing NM_024558 Red=Cloning site Green=Tags(s)  MADTLESSLEDPLRSFVRVLEKRDGTVLRLLQQYSSGGVGCVVWDAAIVLSKYLETPEFSGDGAHALSRRS VLELGS GTGAVGLMAATLGADV VTDLEELQDLLKMNINMNKHLVTGSVQAKVLKWGEEIEGFSPPDFI LMADCIYYEESLEPLLKTLKDISGFETCIICCYEQRTMGKNPEIEKKYFELLQLDFDFEKIPLEKHDEEY RSEDIHIIYIRKKKSKFPS  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_078834</a>
RefSeq Size:	1784
RefSeq ORF:	687
Synonyms:	C14orf138; METTL21D; VCP-KMT
Locus ID:	79609
UniProt ID:	<a href="#">Q9H867</a>

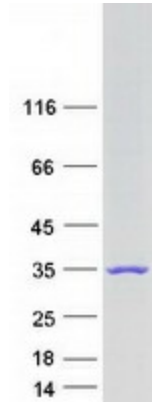


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Cytogenetics: 14q21.3

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# [TP323670]). The protein was produced from HEK293T cells transfected with VCPKMT cDNA clone (Cat# [RC223670]) using MegaTran 2.0 (Cat# [TT210002]).