

**AR51723PU-N****Human VCPKMT (1-229, His-tag) - Purified**

<b>Alternate names:</b>	C14orf138, METTL21D, Protein-lysine methyltransferase METTL21D, VCP-KMT
<b>Quantity:</b>	0.5 mg
<b>Concentration:</b>	1.0 mg/ml (determined by Bradford assay)
<b>Background:</b>	VCPKMT is a protein-lysine N-methyltransferase that specifically trimethylates 'Lys-315' of VCP/p97; this modification may decrease VCP ATPase activity.
<b>Uniprot ID:</b>	<a href="#">Q9H867</a>
<b>NCBI:</b>	<a href="#">NP_078834</a>
<b>GeneID:</b>	<a href="#">79609</a>
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >95% by SDS - PAGE <b>Buffer System:</b> 20 mM Phosphate buffer saline (pH 8.0) containing 10% glycerol, 1mM DTT.
<b>Description:</b>	Recombinant human VCPKMT protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. <b>AA Sequence:</b> MGSSHHHHH SSGLVPRGSH MGSMDTLES SLEDPLRSFV RVLEKRDGTV LRLQOYSSGG VGCVVWDAAI VLSKYLETPE FSGDGAHALS RRSVLELGSG TGAVGLMAAT LGADVVTDL EELQDLLKMN INMNKHLVTG SVQAKVLKVG EEIEGFPSPP DFILMADCIY YEESLEPLLK TLKDISGFET CIICCYEVRT MGKNPEIEKK YFELLQLDFD FEKIPLEKHD EYRSEDIHI IYIRKKKSKF PS <b>Molecular weight:</b> 28.2 kDa (252aa) confirmed by MALDI-TOF
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Kernstock S., et al. (2012) Nat. Commun. 3:1038-1038. Cloutier P., et al. (2013) PLoS Genet. 9:E1003210-E1003210.
<b>Pictures:</b>	

