

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

Alternate names:	C14orf138, METTL21D, Protein-lysine methyltransferase METTL21D, VCP-KMT
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	VCPKMT is a protein-lysine N-methyltransferase that specifically trimethylates 'Lys-315' of VCP/p97; this modification may decrease VCP ATPase activity.
Uniprot ID:	Q9H867
NCBI:	NP_078834
GeneID:	79609
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Phosphate buffer saline (pH 8.0) containing 10% glycerol, 1mM DTT.
Description:	Recombinant human VCPKMT protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMDTLES SLEDPLRSFV RVLEKRDGTV LRLQOYSSGG VGCVVWDAAI VLSKYLETPE FSGDGAHALS RRSVLELGSG TGAVGLMAAT LGADVVTDL EELQDLLKMN INMNKHLVTG SVQAKVLKWG EEIEGFPSPP DFILMADCIY YEESLEPLLK TLKDISGFET CIICCYEVRT MGKNPEIEKK YFELLQLDFD FEKIPLEKHD EYRSEDIHI IYIRKKKSKF PS Molecular weight: 28.2 kDa (252aa) confirmed by MALDI-TOF
Storage:	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.
General Readings:	Kernstock S., et al. (2012) Nat. Commun. 3:1038-1038. Cloutier P., et al. (2013) PLoS Genet. 9:E1003210-E1003210.
Pictures:	

