

VCPKMT, 1-229aa Human, His tag, E.coli

Cat.NO.: TP04465

3th Edition

Synonyms:Protein-lysine methyltransferase METTL21D, C14orf138, METTL21D, VCP-KMT

Description:VCPKMT is a protein-lysine N-methyltransferase that specifically trimethylates 'Lys-315' of VCP/p97; this modification may decrease VCP ATPase activity. Recombinant human VCPKMT protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Phosphate buffer saline (pH 8.0) containing 10% glycerol, 1mM DTT

Molecular Weight:28.2 kDa (252aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMADTLESSLEDPLRSFVRVLEKRDGTVLRLQQYSSGGVGCVVWDAIVLSK
YLETPEFSGDGAHALSRRSVLELGSGTGAVGLMAATLGADVVTDLLEELQDLLKMNINMNKHLVTGQAKVLKW
GEEIEGFPSPDFILMADCIYYEESLEPLLKTLKDISGFETCIICCYEQRTMGKNPEIEKKYFELLQLDFDFEKIPLEKH
DEEYRSEDIHIIYIRKKKSKFPS

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.