

## 32-5223: Recombinant Human Valosin Containing Protein Lysine Methyltransferase

**Alternative Name :** Valosin Containing Protein Lysine (K) Methyltransferase, Methyltransferase-Like Protein 21D, VCP Lysine Methyltransferase, Protein-Lysine Methyltransferase METTL21D, Chromosome 14 Open Reading Frame 138, C14orf138, METTL21D, VCP-KMT, EC 2.1.1.- .

### Description

Source : Escherichia Coli. VCPKMT Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 252 amino acids (1-229 a.a.) and having a molecular mass of 28.2kDa. VCPKMT is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. VCPKMT is a member of the methyltransferase superfamily. VCPKMT is a protein-lysine N-methyltransferase which specifically trimethylates 'Lys-315' of VCP/p97; this alteration reduces VCP ATPase activity.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 95.0% as determined by SDS-PAGE.  
**Content :** VCPKMT protein solution (1mg/ml) containing 20mM Phosphate buffer saline (pH 8.0), 1mM DTT and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSMADTLES SLEDPLRSFV RVLEKRDGTV LRLQQYSSGG  
VGCVVWDAAI VLSKYLETPE FSGDGAHALS RRSVLELGSG TGAVGLMAAT LGADVVTDL  
EELQDLLKMN INMNKHLVTG SVQAKVLKWG EEIEGFPSPP DFILMADCIY YEESEPLLK  
TLKDISGFET CIICCYEQRT MGKNPEIEKK YFELLQLDFD FEKIPLEKHD EEEYRSEDIHI  
IYIRKKKSKF PS

