9051 Mira Mesa Blvd, #910094
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VCPKMT Human

Valosin Containing Protein Lysine Methyltransferase Human Recombinant RCP2550

Product Overview

Name	VCPKMT Human
Description	
Valosin Containing Protein Lysine Methyltransferase Human Recombinant	
Accession (Primary)	Q9H867
Synonyms	
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.- .	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
VCPKMT protein solution (1mg/ml) containing 20mM Phosphate buffer saline (pH 8.0), 1mM DTT and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MADTLES SLEDPLRSFV RVLEKRDGTV LRLQQYSSGG VGCVVWDAAI VLSKYLETPE FSGDGAHALS RRSVLELGSG TGAVGLMAAT LGADVVVTDL EELQDLLKMN INMNKHLVTG SVQAKVLKWG EEIEGFPSPP DFILMADCIY YEESLEPLLK TLKDISGFET CIICCYEQRT MGKNPEIEKK YFELLQLDFD FEKIPLEKHD EEYRSEDIHI IYIRKKKSKF PS	
Precautions	

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VCPKMT Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9H867)