

Product datasheet for TP513686

OriGene Technologies, Inc.

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Vcpkmt (NM_001033236) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse valosin containing protein lysine (K)

methyltransferase (Vcpkmt), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse Expression Host: HEK293T

Expression cDNA Clone >MR213686 representing NM 001033236

or AA Sequence: Red=Cloning site Green=Tags(s)

MAAAVEPEVEDPLWSFVRVLEKRDGTVLRLQQYGSGGVGCVVWDAAIVLSKYLETPGFSGDGAHALSRRS VLELGSGTGAVGLMAATLGADVIVTDLEELQDLLKMNIDMNKHLVTGSVQAKVLKWGEDIEDLMSPDYIL MADCIYYEESLEPLLKTLKDLSGSETCIICCYEQRTMGKNPEIEKKYFELLQLDFDFEEIPLDKHDEEYR

SEDIHIVYIRKKKPKPPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 25.5 kDa

Concentration: >0.05 μg/μL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

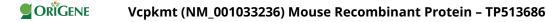
RefSeq: NP 001028408

 Locus ID:
 207965

 UniProt ID:
 Q8C436

 RefSeq Size:
 1027





Cytogenetics: 12 C2

RefSeq ORF: 684

Synonyms: Gm71; Mettl21d; Mettl221d; VCP-KMT

Summary: Protein-lysine N-methyltransferase that specifically trimethylates 'Lys-315' of VCP/p97; this

modification may decrease VCP ATPase activity.[UniProtKB/Swiss-Prot Function]