

Recombinant Mouse Vta1 Protein, Myc/DDK-tagged

Cat. No. Vta1-6954M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse vesicle (multivesicular body) trafficking 1 (Vta1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in the endosomal multivesicular bodies (MVB) pathway. MVBs contain intraluminal vesicles (ILVs) that are generated by invagination and scission from the limiting membrane of the endosome and mostly are delivered to lysosomes enabling degradation of membrane proteins, such as stimulated growth factor receptors, lysosomal enzymes and lipids. Thought to be a cofactor of VPS4A/B, which catalyzes disassembles membrane-associated ESCRT-III assemblies. Involved in the sorting and down-regulation of EGFR.
Molecular Mass	33.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Vta1 vesicle \(multivesicular body\) trafficking 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Vta1](#)

Synonyms

VTA1; Vps20-associated 1 homolog (S. cerevisiae); vacuolar protein sorting-associated protein VTA1 homolog; SKD1 binding protein 1; SKD1-binding protein 1; lysosomal trafficking regulator interacting protein-5; LIP5; SBP1; C85340; AU040813; 1110001D18Rik; 1110059P08Rik

Gene ID [66201](#)

mRNA Refseq [NM_025418](#)

Protein Refseq [NP_079694](#)

UniProt ID [Q9CR26](#)

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