

## Recombinant Mouse Vta1 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Mouse vesicle (multivesicular body) trafficking 1 (Vta1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	33.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>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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