

Recombinant Mouse Vti1a Protein, Myc/DDK-tagged

Cat. No. Vti1a-6955M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse vesicle transport through interaction with t-SNAREs 1A (Vti1a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	V-SNARE that mediates vesicle transport pathways through interactions with t-SNAREs on the target membrane. These interactions are proposed to mediate aspects of the specificity of vesicle trafficking and to promote fusion of the lipid bilayers. Involved in vesicular transport from the late endosomes to the trans-Golgi network. Along with VAMP7, involved in an non-conventional RAB1-dependent traffic route to the cell surface used by KCNIP1 and KCND2. May be concerned with increased secretion of cytokines associated with cellular senescence.
Molecular Mass	25 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 Vti1a vesicle transport through interaction with t-SNAREs 1A [Mus musculus (house mouse)]

Official Symbol Vti1a

Synonyms VTI1A; vesicle transport through interaction with t-SNAREs homolog 1A (yeast); vesicle transport through interaction with t-SNAREs homolog 1A; vesicle transport v-SNARE protein Vti1-like 2; vesicle transport through interaction with t-SNAREs 1 homolog; Vti1; MVti1; MVti1a; Vti1-rp2; 1110014F16Rik; 1110018K19Rik; 4921537J05Rik; MGC102006

Gene ID 53611

mRNA Refseq NM_016862

Protein Refseq NP_058558

UniProt ID O89116

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