

Recombinant Mouse Vat1 Protein, Myc/DDK-tagged

Cat. No. Vat1-6902M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length vesicle amine transport 1 (Vat1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a part in calcium-regulated keratinocyte activation in epidermal repair mechanisms. Has no effect on cell proliferation. Possesses ATPase activity. Negatively regulates mitochondrial fusion in cooperation with mitofusin proteins (MFN1-2).
Molecular Mass	43.1 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Vat1 vesicle amine transport 1 [Mus musculus (house mouse)]
Official Symbol	Vat1
Synonyms	VAT1; vesicle amine transport protein 1 homolog (T californica); synaptic vesicle membrane protein VAT-1 homolog; membrane protein of cholinergic synaptic vesicles; VAT-1
Gene ID	26949
mRNA Refseq	NM_012037
Protein Refseq	NP_036167
UniProt ID	Q62465

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