

Recombinant Mouse Slc18a2 Protein, Myc/DDK-tagged

Cat. No. Slc18a2-5907M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length solute carrier family 18 (vesicular monoamine), member 2 (cDNA clone MGC:90556 IMAGE:5705966), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in the ATP-dependent vesicular transport of biogenic amine neurotransmitters. Pumps cytosolic monoamines including dopamine, norepinephrine, serotonin, and histamine into synaptic vesicles. Requisite for vesicular amine storage prior to secretion via exocytosis.
Molecular Mass	49.3 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name [Slc18a2 solute carrier family 18 \(vesicular monoamine\), member 2 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Slc18a2](#)

Synonyms [Slc18a2](#); solute carrier family 18 (vesicular monoamine), member 2; Vma; Vmat2; 9330105E13; 1110037L13Rik; synaptic vesicular amine transporter; VAT2; monoamine transporter; solute carrier family 18 member 2; vesicular amine transporter 2; vesicular monoamine transporter 2

Gene ID [214084](#)

mRNA Refseq [NM_172523](#)

Protein Refseq [NP_766111](#)

UniProt ID [Q8BRU6](#)

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