

Product datasheet for **TP507136**

Slc18a2 (BC078449) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse 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, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207136 protein sequence Red =Cloning site Green =Tags(s)
	<p>MALSDLVLLRWLRDSRHSRKLILFIVFLALLLDNMLLTVVPIIPSYLYSIKHEKNTTEIQTARPALTAS TSEFHSIFSYYNNSTVFTGNATGGLPGGESPKATTTQHTVTNTTVPDPCSEDKDLLNENVQVGLLFAS KATVQLLTNPFIGLLTNRIGYPIPMFAGFCIMFISTVMFAFSSSYAFLLIARSLQGIGSSCSSVAGMGML ASVYTDDEERGNAMGIALGGLAMGVLVGPFGSVLYEFVGKTAPFLVLAALVLLDGESEGDTSYDLAEGP IHSHRCRLHLLCKHGD SHAGARPAHLDDGDHVF PKVAAGRCLPASEHLLSHWNQYFWD TCTQNGKVAVCS SGNDSCWDQHFMYSFCKKYL RTHRSQLWSWFCHWDG LLDH DAYHGLPGGPAARVCLWECVCHCRCSLLHG VCYRSLCWWCYCKGNWLSLAHDNYWDN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	49.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	214084



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UniProt ID: [Q8BRU6](#)

RefSeq Size: 3702

Cytogenetics: 19 54.64 cM

RefSeq ORF: 1341

Synonyms: Vmat2, 9330105E13

Summary: 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 (By similarity).[UniProtKB/Swiss-Prot Function]