

Recombinant Mouse Stx1b Protein, Myc/DDK-tagged

Cat. No. Stx1b-6206M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length syntaxin 1B (Stx1b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Potentially involved in docking of synaptic vesicles at presynaptic active zones. May mediate Ca ²⁺ -regulation of exocytosis acrosomal reaction in sperm.
Molecular Mass	33.7 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.

GENE INFORMATION

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Gene Name	Stx1b syntaxin 1B [Mus musculus (house mouse)]
Official Symbol	Stx1b
Synonyms	Stx1b; syntaxin 1B; Stx1b; Syn1b; Stx1b2; Stx1bl; syntaxin-1B; syntaxin 1B1; syntaxin 1B2
Gene ID	56216
mRNA Refseq	NM_024414
Protein Refseq	NP_077725
UniProt ID	P61264

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