

Recombinant Mouse Itm2b Protein, Myc/DDK-tagged

Cat. No. Itm2b-3616M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length integral membrane protein 2B (Itm2b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a regulatory role in the processing of the amyloid-beta A4 precursor protein (APP) and acts as an inhibitor of the amyloid-beta peptide aggregation and fibrils deposition. Plays a role in the induction of neurite outgrowth. Functions as a protease inhibitor by blocking access of secretases to APP cleavage sites.
Molecular Mass	30.3 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.

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GENE INFORMATION

Gene Name	Itm2b integral membrane protein 2B [Mus musculus (house mouse)]
Official Symbol	Itm2b
Synonyms	ITM2B; integral membrane protein 2B; Integral membrane protein 2B (E25B protein); Bri2; E25BMM; D14Sel6; AI256040
Gene ID	16432
mRNA Refseq	NM_008410
Protein Refseq	NP_032436
UniProt ID	O89051

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