

Recombinant Mouse Doc2b Protein, Myc/DDK-tagged

Cat. No. Doc2b-2627M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length double C2, beta (Doc2b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene is a calcium sensor involved in glucose-stimulated insulin secretion, spontaneous neurotransmitter release, and enhanced SNARE-dependent vesicle fusion.
Molecular Mass	46.3 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.

GENE INFORMATION

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Gene Name	Doc2b double C2, beta [Mus musculus (house mouse)]
Official Symbol	Doc2b
Synonyms	DOC2B; double C2, beta; double C2-like domain-containing protein beta; doc2-beta; double C2 protein beta
Gene ID	13447
mRNA Refseq	NM_007873
Protein Refseq	NP_031899
UniProt ID	P70169

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