

## Recombinant Mouse Doc2b Protein, Myc/DDK-tagged

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

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length double C2, beta (Doc2b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.   |
| <b>Species</b>          | Mouse   |
| <b>Source</b>           | HEK293  |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 46.3 kDa  |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining   |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.   |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.  |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method  |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.   |

### GENE INFORMATION

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

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