Recombinant Mouse Sh3gl2 Protein, Myc/DDK-tagged

Cat. No. Sh3gl2-5845M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length SH3-domain GRB2-like 2 (Sh3gl2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Implicated in synaptic vesicle endocytosis. May recruit other proteins to membranes with high curvature. Required for BDNF-dependent dendrite outgrowth. Cooperates with SH3GL2 to mediate BDNF-NTRK2 early endocytic trafficking and signaling from early endosomes.
Molecular Mass	40.4 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	Sh3gl2 SH3-domain GRB2-like 2 [Mus musculus (house mouse)]
Official Symbol	Sh3gl2
Synonyms	SH3GL2; SH3-domain GRB2-like 2; endophilin-A1; SH3p4; endophilin I; endophilin-1; endophilin A1; SH3 domain protein 2A; SH3 domain-containing GRB2-like protein 2; SH3PA; EEN-B1; Sh3d2a; AI120490; AW555077; 9530001L19Rik; B930049H17Rik
Gene ID	20404
mRNA Refseq	NM_019535
Protein Refseq	NP_062408
UniProt ID	Q62420

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