

Recombinant Human SH3GLB1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SH3GLB1-5360H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SH3GLB1 MS Standard C13 and N15-labeled recombinant protein (NP_057093) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a SRC homology 3 domain-containing protein. The encoded protein interacts with the proapoptotic member of the Bcl-2 family, Bcl-2-associated X protein (Bax) and may be involved in regulating apoptotic signaling pathways. This protein may also be involved in maintaining mitochondrial morphology. Alternate splicing results in multiple transcript variants.
Molecular Mass	40.8 kDa
AA Sequence	MNIMDFNVKKLAADAGTFLSRAVQFTEEKLGQAEKTELDAHLENLLSKAECTKIWTE KIMKQTEVLLQPNPNARIEEFVYEKLDKAPSRINNPELLGQYMIDAGTEFGPGTAYG NALIKCGETQKRIGTADRELIQTSALNFLTPLRNFIEGDYKTIAKERKLLQNKRLDLDA AKTRLKKAKAAETRNSSEQELRITQSEFDRQAEITRLLLEGISSTHAHHLRCLNDFVE AQMTYYAQCYQYMLDLQKQLGSFSPSNYLSNNNQTSVTPVPSVLPNAIGSSAMASTS GLVITSPSNLSDLKECSGSRKARVLYDYDAANSTELSLADEVITVFSVVGMDSDWL MGERGNQKGKVPITYLELLNTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SH3GLB1 SH3-domain GRB2-like endophilin B1 [Homo sapiens (human)]
Official Symbol	SH3GLB1
Synonyms	SH3GLB1; SH3-domain GRB2-like endophilin B1; SH3 domain, GRB2 like, endophilin B1; endophilin-B1; Bif 1; CGI 61; KIAA0491; PPP1R70; protein phosphatase 1; regulatory subunit 70; Bax-interacting factor 1; SH3-containing protein SH3GLB1; SH3 domain-containing GRB2-like protein B1; protein phosphatase 1, regulatory subunit 70; Bif-1; CGI-61; dJ612B15.2;
Gene ID	51100
mRNA Refseq	NM_016009
Protein Refseq	NP_057093
MIM	609287
UniProt ID	Q9Y371

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SDS-PAGE

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