

Recombinant Human SH3GLB1 293 Cell Lysate

Cat. No. SH3GLB1-1866HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for SH3-domain GRB2-like endophilin B1 (SH3GLB1) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	SH3GLB1 SH3-domain GRB2-like endophilin B1 [Homo sapiens]
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_001206651
Protein Refseq	NP_001193580
MIM	609287
UniProt ID	Q9Y371
Chromosome Location	1p22.3
Pathway	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Senescence and Autophagy, organism-specific biosystem;
Function	SH3 domain binding; cytoskeletal adaptor activity; identical protein binding; lipid

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binding; protein binding; protein homodimerization activity;

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