

Recombinant Human SH3GL2 293 Cell Lysate

Cat. No. SH3GL2-1867HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for SH3-domain GRB2-like 2 (SH3GL2) 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.

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

GENE INFORMATION

Gene Name SH3GL2 SH3-domain GRB2-like 2 [Homo sapiens]

Official Symbol SH3GL2

Synonyms SH3GL2; SH3-domain GRB2-like 2; endophilin-A1; CNSA2; EEN B1; SH3D2A; SH3P4; endophilin-1; SH3 domain protein 2A; Endophilin A1 BAR domain; bA335L15.1 (SH3-domain GRB2-like 2); SH3 domain-containing GRB2-like protein 2; EEN-B1; FLJ20276; FLJ25015;

Gene ID 6456

mRNA Refseq NM_003026

Protein Refseq NP_003017

MIM 604465

UniProt ID Q99962

Chromosome Location 9p22

Pathway Axon guidance, organism-specific biosystem; Clathrin derived vesicle budding, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Disease, organism-specific biosystem; EGFR downregulation, organism-specific

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biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Endocytosis, organism-specific biosystem;

Function

identical protein binding; lipid binding; protein binding;

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