Recombinant Human SH3GL1 293 Cell Lysate

Cat. No. SH3GL1-1868HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for SH3-domain GRB2-like 1 (SH3GL1) 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	SH3GL1 SH3-domain GRB2-like 1 [Homo sapiens]
Official Symbol	SH3GL1
Synonyms	SH3GL1; SH3-domain GRB2-like 1; endophilin-A2; CNSA1; EEN; extra 11 19 leukemia fusion; fusion partner of MLL; MGC111371; SH3 domain GRB2 like 1; SH3 containing Grb 2 like 1 protein; SH3 containing protein EEN; SH3D2B; SH3P8; endophilin-2; SH3 domain protein 2B; EEN fusion partner of MLL; extra 11-19 leukemia fusion; SH3-containing Grb-2-like 1 protein; SH3 domain-containing GRB2-like protein 1; extra eleven-nineteen leukemia fusion gene protein;
Gene ID	6455
mRNA Refseq	NM_001199943
Protein Refseq	NP_001186872
MIM	601768
UniProt ID	Q99961
Chromosome Location	19p13.3
Pathway	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem;

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	Signaling events mediated by focal adhesion kinase, organism-specific biosystem;
Function	lipid binding; protein binding;

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