Recombinant Human SH3RF2 293 Cell Lysate

Cat. No. SH3RF2-1863HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for SH3 domain containing ring finger 2 (SH3RF2) 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	SH3RF2 SH3 domain containing ring finger 2 [Homo sapiens]
Official Symbol	SH3RF2
Synonyms	SH3RF2; SH3 domain containing ring finger 2; PPP1R39, protein phosphatase 1, regulatory subunit 39; putative E3 ubiquitin-protein ligase SH3RF2; FLJ23654; heart protein phosphatase 1 binding protein; Hepp1; POSH eliminating RING protein; POSHER; RNF158; RING finger protein 158; POSH-eliminating RING protein; SH3 domain-containing RING finger protein 2; heart protein phosphatase 1-binding protein; protein phosphatase 1 regulatory subunit 39; protein phosphatase 1, regulatory subunit 39; HEPP1; PPP1R39; MGC90410; MGC149788; MGC149789;
Gene ID	153769
mRNA Refseq	NM_152550
Protein Refseq	NP_689763
MIM	613377
UniProt ID	Q8TEC5
Chromosome Location	5q32

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Function	ligase activity; metal ion binding; phosphatase binding; protein binding; protein phosphatase 1 binding; protein phosphatase inhibitor activity; zinc ion binding;

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