

Recombinant Human SH3BP2 293 Cell Lysate

Cat. No. SH3BP2-1871HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for SH3-domain binding protein 2 (SH3BP2), transcript variant 1 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.

 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

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

SH3BP2 SH3-domain binding protein 2 [Homo sapiens]

Official Symbol

SH3BP2

Synonyms

SH3BP2; SH3-domain binding protein 2; Cherubism; SH3 domain-binding protein 2; CRBM; RES4 23; Abl-SH3 binding protein 2; TNFAIP3 interacting protein 2; 3BP2; CRPM; 3BP-2; RES4-23; FLJ42079; FLJ54978;

Gene ID

6452

mRNA Refseq

NM_001122681

Protein Refseq

NP_001116153

MIM

602104

UniProt ID

P78314

**Chromosome
Location**

4p16.3

Pathway

B Cell Receptor Signaling Pathway, organism-specific biosystem; Natural killer cell mediated cytotoxicity, organism-specific biosystem; Natural killer cell mediated cytotoxicity, conserved biosystem; T Cell Receptor Signaling Pathway, organism-specific biosystem; TCR signaling in naive CD4+ T cells, organism-specific

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biosystem;

Function

SH3 domain binding; SH3/SH2 adaptor activity;

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