

Recombinant Human SH2B3 293 Cell Lysate

Cat. No. SH2B3-1880HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for SH2B adaptor protein 3 (SH2B3) 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

SH2B3 SH2B adaptor protein 3 [Homo sapiens]

Official Symbol

SH2B3

Synonyms

SH2B3; SH2B adaptor protein 3; SH2B adapter protein 3; IDDM20; LNK; lymphocyte adaptor protein; signal transduction protein Lnk; lymphocyte-specific adapter protein Lnk;

Gene ID

10019

mRNA Refseq

NM_005475

Protein Refseq

NP_005466

MIM

605093

UniProt ID

Q9UQQ2

**Chromosome
Location**

12q24.12

Pathway

EPO signaling pathway, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Neurotrophin signaling pathway, organism-specific biosystem; Neurotrophin signaling pathway, conserved biosystem; Regulation

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of KIT signaling, organism-specific biosystem; Signal Transduction, organism-specific biosystem;

Function

signal transducer activity;

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