

Recombinant Human FYB 293 Cell Lysate

Cat. No. FYB-6095HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for FYN binding protein (FYB-120/130) (FYB), transcript variant 2 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

FYB FYN binding protein [Homo sapiens]

Official Symbol

FYB

Synonyms

FYB; FYN binding protein; FYN binding protein (FYB 120/130); FYN-binding protein; FYB 120/130; SLAP 130; p120/p130; FYB-120/130; FYN-T-binding protein; SLP-76-associated phosphoprotein; adhesion and degranulation-promoting adaptor protein; ADAP; PRO0823; SLAP-130;

Gene ID

2533

mRNA Refseq

NM_001243093

Protein Refseq

NP_001230022

MIM

602731

UniProt ID

O15117

Chromosome Location

5p13.1

Pathway

Adaptive Immune System, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Generation of second messenger molecules, organism-specific biosystem; Immune System, organism-specific biosystem; Signal regulatory

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protein (SIRP) family interactions, organism-specific biosystem; T Cell Receptor Signaling Pathway, organism-specific biosystem; TCR signaling, organism-specific biosystem;

Function	protein binding; receptor binding;
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