

Recombinant Human STAP1 293 Cell Lysate

Cat. No. STAP1-1425HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for signal transducing adaptor family member 1 (STAP1) 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 STAP1 signal transducing adaptor family member 1 [Homo sapiens]

Official Symbol STAP1

Synonyms STAP1; signal transducing adaptor family member 1; signal-transducing adaptor protein 1; BCR downstream signaling 1; BRDG1; STAP 1; docking protein BRDG1; stem cell adaptor protein 1; BCR downstream-signaling protein 1; signal-transducing adaptor protein-1; STAP-1;

Gene ID 26228

mRNA Refseq NM_012108

Protein Refseq NP_036240

MIM 604298

UniProt ID Q9ULZ2

Chromosome Location 4q13.2

Pathway B Cell Receptor Signaling Pathway, organism-specific biosystem; Kit Receptor Signaling Pathway, organism-specific biosystem; Signaling events mediated by Stem cell factor receptor (c-Kit), organism-specific biosystem;

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