

Recombinant Human STAM2 293 Cell Lysate

Cat. No. STAM2-1429HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for signal transducing adaptor molecule (SH3 domain and ITAM motif) 2 (STAM2) 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

STAM2 signal transducing adaptor molecule (SH3 domain and ITAM motif) 2 [Homo sapiens]

Official Symbol

STAM2

Synonyms

STAM2; signal transducing adaptor molecule (SH3 domain and ITAM motif) 2; signal transducing adapter molecule 2; Hbp; HSE1 homolog (S. cerevisiae); STAM-2; HSE1 homolog; Hrs-binding protein; STAM-like protein containing SH3 and ITAM domains 2; STAM2A; STAM2B; DKFZp564C047;

Gene ID

10254

mRNA Refseq

NM_005843

Protein Refseq

NP_005834

MIM

606244

UniProt ID

O75886

**Chromosome
Location**

2q23.3

Pathway

Disease, organism-specific biosystem; EGFR downregulation, organism-specific biosystem; ESCRT-0 complex, organism-specific biosystem; Endocytosis, organism-

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specific biosystem; Endocytosis, conserved biosystem; Endosomal Sorting Complex
Required For Transport (ESCRT), organism-specific biosystem; IL-2 Signaling
Pathway, organism-specific biosystem;

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