

Recombinant Human LAX1 293 Cell Lysate

Cat. No. LAX1-4812HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for lymphocyte transmembrane adaptor 1 (LAX1), 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.

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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

LAX1 lymphocyte transmembrane adaptor 1 [Homo sapiens]

Official Symbol

LAX1

Synonyms

LAX1; lymphocyte transmembrane adaptor 1; lymphocyte transmembrane adapter 1; FLJ20340; LAT like membrane associated protein; LAX; linker for activation of x cells; LAT-like membrane associated protein; membrane-associated adapter protein LAX;

Gene ID

54900

mRNA Refseq

NM_001136190

Protein Refseq

NP_001129662

UniProt ID

Q8I WV1

Chromosome Location

1q32.1

Pathway

T Cell Receptor Signaling Pathway, organism-specific biosystem;

Function

SH2 domain binding; protein binding; protein kinase binding;

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