

Recombinant Human STRADB 293 Cell Lysate

Cat. No. STRADB-1385HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for STE20-related kinase adaptor beta (STRADB) 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

STRADB STE20-related kinase adaptor beta [Homo sapiens]

Official Symbol

STRADB

Synonyms

STRADB; STE20-related kinase adaptor beta; ALS2CR2, amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 2; STE20-related kinase adapter protein beta; CALS 21; ILPIP; ILPIPA; PAPK; STRAD beta; pseudokinase ALS2CR2; ILP-interacting protein ILPIPA; amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 2; amyotrophic lateral sclerosis 2 chromosomal region candidate gene 2 protein; ALS2CR2; CALS-21; PRO1038; MGC102916;

Gene ID

55437

mRNA Refseq

NM_001206864

Protein Refseq

NP_001193793

MIM

607333

UniProt ID

Q9C0K7

Chromosome Location

2q33.1

Pathway

Energy dependent regulation of mTOR by LKB1-AMPK, organism-specific biosystem;

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IRS-mediated signalling, organism-specific biosystem; IRS-related events, organism-specific biosystem; Insulin receptor signalling cascade, organism-specific biosystem; LKB1 signaling events, organism-specific biosystem; PI3K Cascade, organism-specific biosystem; PKB-mediated events, organism-specific biosystem;

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