

## Recombinant Human STRADB 293 Cell Lysate

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

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Components</b>	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).
<b>Size</b>	0.1 mg
<b>Storage Instruction</b>	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.
<b>Applications</b>	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

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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; IRS-mediated signalling, organism-specific biosystem; IRS-related events, organism-specific biosystem; Insulin receptor signalling cascade, organism-specific biosystem;

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LKB1 signaling events, organism-specific biosystem; PI3K Cascade, organism-specific biosystem; PKB-mediated events, organism-specific biosystem;

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