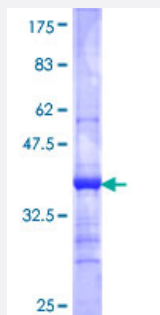


STRADB (Human) Recombinant Protein (Q02)

Catalog # H00055437-Q02

Size 25 ug, 10 ug

Applications



Specification

| | |
|--------------------------------------|---|
| Product Description | Human STRADB partial ORF (NP_061041, 1 a.a. - 95 a.a.) recombinant protein with GST-tag at N-terminal. |
| Sequence | MSLLDCFCTSR TQVESLRPEKQSETSIHQYLVDEPTLSWSRPSTRASEVLCSTNVSHYELQVEIGRGFDNLTSVHLARHTPTGTLVTIKITNLEN |
| Host | Wheat Germ (in vitro) |
| Theoretical MW (kDa) | 36.19 |
| Interspecies Antigen Sequence | Mouse (90); Rat (89) |
| Preparation Method | in vitro wheat germ expression system |
| Purification | Glutathione Sepharose 4 Fast Flow |
| Quality Control Testing | 12.5% SDS-PAGE Stained with Coomassie Blue. |
| Storage Buffer | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| Storage Instruction | Store at -80°C. Aliquot to avoid repeated freezing and thawing. |
| Note | Best use within three months from the date of receipt of this protein. |

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — STRADB

Entrez GeneID [55437](#)

GeneBank Accession# [NM_018571](#)

Protein Accession# [NP_061041](#)

Gene Name STRADB

Gene Alias ALS2CR2, CALS-21, ILPIP, ILPIPA, MGC102916, PAPK, PRO1038

Gene Description STE20-related kinase adaptor beta

Omim ID [607333](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein that belongs to the serine/threonine protein kinase STE20 subfamily. One of the active site residues in the protein kinase domain of this protein is altered, and it is thus a pseudokinase. This protein is a component of a complex involved in the activation of serine/threonine kinase 11, a master kinase that regulates cell polarity and energy-generating metabolism. This complex regulates the relocation of this kinase from the nucleus to the cytoplasm, and it is essential for G1 cell cycle arrest mediated by this kinase. The protein encoded by this gene can also interact with the X chromosome-linked inhibitor of apoptosis protein, and this interaction enhances the anti-apoptotic activity of this protein via the JNK1 signal transduction pathway. Two pseudogenes, located on chromosomes 1 and 7, have been found for this gene. [provided by RefSeq]

Other Designations ILP-interacting protein ILPIPA|STRAD beta|amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 2|pseudokinase ALS2CR2