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Product datasheet for TP762546

ALS2CR2 (STRADB) (NM_018571) Human Recombinant Protein

Product data:

Description:Purified recombinant protein of Human STE20-related kinase adaptor beta (STRADB), transcript variant 1, 50ugSpecies:HumanExpression Host:E. coliExpression CDNA Clone or AA Sequence:A DNA sequence encoding the region full length of STRADBTag:N-GST and C-HISPredicted MW:47 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:SomM Tris, pH8.0, 8M UreaStorage:Storage for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP_061041Locus ID:Sta37UniProt ID:Q9C0K7RefSeq Size:2300Qtogenetics:2303RefSeq ORF:1254	Product Type:	Recombinant Proteins
Expression Host:E. coliExpression cDNA ClossA DNA sequence encoding the region full length of STRADBTag:N-GST and C-HISTag:N-GST and C-HISPredicted MW:40.05 µg/µL as determined by microplate BCA methodOncentration:>6.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:Som M Tris, pH8.0, 8M UreaStorage:Store at -80°C after receiving vials.Stability:Stabel for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 061041Locus ID:Sta37Quenctry300KefSeq Size:300Qasta300KefSeq Size:303Lotus ID:303Stade Size:300RefSeq Size:300KefSeq Size:303KefSeq Size:303KefSeq Size:303KefSeq Size:303KefSeq Size:304KefSeq Size:304KefSeq Size:305KefSeq Size:305KefS	Description:	
Arrowson CDNA ClossA DNA sequence encoding the region full length of STRADBTag:N-GST and C-HISPredicted MW:47 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:SomM Tris, pH8.0, 8M UreaStorage:Store at -80°C after receiving vials.Stability:Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 061041Locus ID:5437UniProt ID:Q9C0K7RefSeq Size:300Katogenetics:230.1Katogenetics:1254	Species:	Human
or AA Sequence:Tag:N-GST and C-HISPredicted MW:47 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:S0mM Tris, pH8.0, 8M UreaStorage:Store at -80°C after receiving vials.Stability:Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 061041Locus ID:55437UniProt ID:Q9C0K7RefSeq Size:2300Cytogenetics:2q33.1Itage QRF:1254	Expression Host:	E. coli
Predicted MW:47 kDaConcentration:>0.05 μg/μL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:S0mM Tris, pH8.0, 8M UreaStorage:Store at -80°C after receiving vials.Stability:Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 061041Locus ID:55437Q9C0K72300RefSeq Size:2300Cytogenetics:1254	•	A DNA sequence encoding the region full length of STRADB
Concentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:50mM Tris, pH8.0, 8M UreaStorage:Store at -80°C after receiving vials.Stability:Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 061041Locus ID:55437Q9C0K7300RefSeq Size:230Q109enetics:2q33.1RefSeq ORF:1254	Tag:	N-GST and C-HIS
Purity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:50mM Tris, pH8.0, 8M UreaStorage:Store at -80°C after receiving vials.Stability:Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 061041Locus ID:55437UniProt ID:Q9C0K7RefSeq Size:2300Cytogenetics:2q33.1RefSeq ORF:1254	Predicted MW:	47 kDa
Buffer:50mM Tris, pH8.0, 8M UreaStorage:Store at -80°C after receiving vials.Stability:Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 061041Locus ID:55437UniProt ID:Q9C0K7RefSeq Size:2300Cytogenetics:ca33.1RefSeq ORF:1254	Concentration:	>0.05 µg/µL as determined by microplate BCA method
Storage:Store at -80°C after receiving vials.Stability:Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 061041Locus ID:55437UniProt ID:Q9C0K7RefSeq Size:2300Cytogenetics:2q33.1RefSeq ORF:1254	Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability:Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 061041Locus ID:55437UniProt ID:Q9C0K7RefSeq Size:2300Cytogenetics:2q33.1RefSeq ORF:1254	Buffer:	50mM Tris, pH8.0, 8M Urea
conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 061041Locus ID:55437UniProt ID:Q9C0K7RefSeq Size:2300Cytogenetics:2q33.1RefSeq ORF:1254	Storage:	Store at -80°C after receiving vials.
Locus ID: 55437 UniProt ID: Q9C0K7 RefSeq Size: 2300 Cytogenetics: 2q33.1 RefSeq ORF: 1254	Stability:	
UniProt ID: Q9C0K7 RefSeq Size: 2300 Cytogenetics: 2q33.1 RefSeq ORF: 1254	RefSeq:	<u>NP 061041</u>
RefSeq Size: 2300 Cytogenetics: 2q33.1 RefSeq ORF: 1254	Locus ID:	55437
Cytogenetics: 2q33.1 RefSeq ORF: 1254	UniProt ID:	<u>Q9C0K7</u>
RefSeq ORF: 1254	RefSeq Size:	2300
•	Cytogenetics:	2q33.1
Svnonvms: ALS2CR2: CALS-21: ILPIP: ILPIPA: PAPK: PRO1038	RefSeq ORF:	1254
	Synonyms:	ALS2CR2; CALS-21; ILPIP; ILPIPA; PAPK; PRO1038



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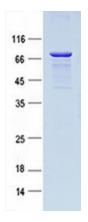
STRADB) (NM_018571) Human Recombinant Protein – TP762546

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. Alternatively spliced transcript variants encoding different
isoforms have been found for this gene. [provided by RefSeq, May 2011]

Protein Families:

Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified STRADB protein (Cat #TP762546). The protein was produced from E.coli.

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