

Datasheet for ABIN7559584

STRADB Protein (AA 1-418) (His tag)



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Overview

Quantity:	1 mg
Target:	STRADB
Protein Characteristics:	AA 1-418
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This STRADB protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Stradb Protein expressed in mammalian cells.
Sequence:	<p>MSLLDCFCAS RTRVESLRPE KQSETSIHQY LVDESAISRP PPSARASEVI CSTDVSHYEL</p> <p>QVEIGRGFDN LTSVHLARHT PTGTLVTVKI TNLESCTEER LKALQRAVIL SHFFQHPNIT</p> <p>TYWTVFTVGS WLWVISPFMA YGSASQLLRT YFPDGMSETL IRNILFGAVQ GLNYLHQNGC</p> <p>IHRSEKASHI LISGDGLVTL SGLSHLHSLK KHGQRHRAVF DFPQFSTSVQ PWLSPELLRQ</p> <p>DLHGYNVKSD IYSVGITACE LASGQVPFQD MHRTQMLLQK LKGPPYSPLD VSIFPQSDSR</p> <p>MRNSQSGVDS GIGESVLVST GTHTVNSDRL HTPSTKTFSP AFFSLVQLCL QQDPEKRPSA</p> <p>SSLLSHVFFK QMKEESQDSI LPLLPPAYNR PSASLQPVSP WSELEFQFPD DKDPVWEF Sequence</p> <p>without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	STRADB
Alternative Name:	Stradb (STRADB Products)
Background:	STE20-related kinase adapter protein beta (STRAD beta) (Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 2 protein homolog) (ILP-interacting protein homolog) (Polyploidy-associated protein kinase) (Pseudokinase ALS2CR2),FUNCTION: Pseudokinase which, in complex with CAB39/MO25 (CAB39/MO25alpha or CAB39L/MO25beta), binds to and activates STK11/LKB1. Adopts a closed conformation typical of active protein kinases and binds STK11/LKB1 as a pseudosubstrate, promoting conformational change of STK11/LKB1 in an active conformation (By similarity). {ECO:0000250}.
Molecular Weight:	46.8 kDa
UniProt:	Q8K4T3
Pathways:	AMPK Signaling

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	The buffer composition is at the discretion of the manufacturer.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-80 °C
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Storage Comment:	Store at -80°C.
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Expiry Date:	12 months
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