

Datasheet for ABIN7546482

STRADB Protein (AA 1-418) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	STRADB
Protein Characteristics:	AA 1-418
Origin:	Human
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>MSLLDCFCTS RTQVESLRPE KQSETSIHQY LVDEPTLSWS RPSTRASEVL CSTNVSHYEL QVEIGRGFDN LTSVHLARHT PTGTLVTIKI TNLENCNEER LKALQKAVIL SHFFRHPNIT TYWTVFTVGS WLWVISPFMA YGSASQLLRT YFPEGMSETL IRNILFGAVR GLNYLHQNGC IHRSIKASHI LISGDGLVTL SGLSHLHSLV KHGQRHRAVY DFPQFSTSVQ PWLSPELLRQ DLHGYNVKSD IYSVGITACE LASGQVPFQD MHRTQMLLQK LKGPPYSPLD ISIFPQSESR MKNSQSGVDS GIGESVLVSS GTHTVNSDRL HTPSSKTFSP AFFSLVQLCL QQDPEKRPSA SSLLSHVFFK QMKEESQDSI LSLPPAYNK PSISLPPVLP WTEPECDFPD EKDSYWEF Sequence 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:

Key Benefits:

- 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).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

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) (CALS-21) (ILP-interacting protein) (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, ECO:0000269|PubMed:14517248}.

Molecular Weight:

47.0 kDa

UniProt:

[Q9C0K7](#)

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.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
