

[Go to Product page](#)

Datasheet for ABIN7550484
SMEK2 Protein (AA 1-849) (His tag)

Overview

Quantity:	1 mg
Target:	SMEK2
Protein Characteristics:	AA 1-849
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMEK2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PPP4R3B Protein expressed in mammalian cells.
Sequence:	MSDTRRRVKV YTLNEDRQWD DRGTGHVSST YVEELKGMSL LVRAESDGSL LLESKINPNT AYQKQQDTLI VWSEAENYDL ALSFQEKAGC DEIWEKICQV QGKDPSVEVT QDLIDSEEEE RFEEMPETSH LIDLPTCELN KLEEIADLVT SVLSSPIRRE KLALALENEG YIKKLLQLFQ ACENLENTEG LHHLYEIIRG ILFLNKATLF EVMFSDECIM DVVGCLEYDP ALAQPKRHRE FLTKTAKFKE VIPITDSELR QKIHQTYRVQ YIQDIILPTP SVFEENFLST LTSFIFFNKV EIVSMLQEDE KFLSEVFAQL TDEATDDDKR RELVNFKEF CAFSQTLPQ NRDAFFKTLA KLGILPALEI VMGMDDLQVR SAATDIFSYL VEFSPSMVRE FVMQEAQQSD DDILLINVI EQMICDTPDPE LGGAVQLMGL LRTLIDPENM LATTNKTEKS EFLNFFYNHC MHVLTAPLLT NTSEDKCEKD FFLKHRYRSW SFICTPSHSH SHSTPSSSIS QDNIVGSNKN NTICPDNYQT AQLLALILEL LTFCVEHHTY HIKNYIMNKD LLRRVLVMN SKHTFLALCA LRFMRRRIIGL KDEFYNYRIT KGNLFEPVIN ALLDNGTRYN LLNSAVIELF EFIRVEDIKS LTAHIVENFY KALESIEYVQ TFKGLKTKYE QEKDRQNQKL NSVPSILRSN RFRRDAKALE EDEEMWFNED EEEEGKAVVA

Product Details

PVEKPKPEDD FPDNYEKFME TTKAKESEDK ENLPKRTSPG GFKFTFSHSA SAANGTNSKS
VVAQIPPATS NGSSSKTTNL PTSVTATKGS LVGLVDYPDD EEEEEEESS PRKRPRLGs

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.

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.

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: SMEK2

Alternative Name: PPP4R3B ([SMEK2 Products](#))

Background: Serine/threonine-protein phosphatase 4 regulatory subunit 3B (SMEK homolog 2),FUNCTION: Regulatory subunit of serine/threonine-protein phosphatase 4 (PP4). May regulate the activity of PPP4C at centrosomal microtubule organizing centers.

Molecular Weight: 97.5 kDa

UniProt: [Q5MIZ7](#)

Target Details

Pathways: [Regulation of Carbohydrate Metabolic Process](#)

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