

Datasheet for ABIN7551741
SH3BP5 Protein (AA 1-455) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SH3BP5
Protein Characteristics:	AA 1-455
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SH3BP5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat SH3BP5 Protein expressed in mammalian cells.
Sequence:	MDAALKRSRS EEPAEILPPA RDEEEEEEEG MEQGLEEEEE VDPRIQGELE KLNQSTDDIN RRETELEDAR QKFRSVLVEA TVKLDLVKK IGKAVEDSKP YWEARRVARQ AQLEAQKATQ DFQRATEVLR AAKETISLAE QRLLEDDKRQ FDSAWQEMLN HATQRVMEAE QTKTRSELVH KETAARYNAA MGRMRQLEKK LKRAINKSKP YFELKAKYYV QLEQLKKTVD DLQAKLTLAK GEYKMALKNL EMISDEIHER RRSSAMGPRG CGVGAEGSST SVEDLPGSKP EPDAISVASE AFEDDSCSNF VSEDDSETQS VSSFSSGPTS PSEMPDQFPA VVRPGSLDLP SPVSLSEFGM MFPVLGPRSE CSGASSPECE VERGDRAEGA ENKTSKANN NRGLSSSSGS GGSSKSQSST SPEGQALENR MKQLSLQCSK GRDGIIADIK MVQIG 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.

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, Western Blot

Grade:

custom-made

Target Details

Target:

SH3BP5

Alternative Name:

SH3BP5 ([SH3BP5 Products](#))

Background:

SH3 domain-binding protein 5 (SH3BP-5) (SH3 domain-binding protein that preferentially associates with BTK),FUNCTION: Functions as a guanine nucleotide exchange factor (GEF) with specificity for RAB11A and RAB25 (PubMed:26506309, PubMed:30217979). Inhibits the auto- and transphosphorylation activity of BTK. Plays a negative regulatory role in BTK-related cytoplasmic signaling in B-cells. May be involved in BCR-induced apoptotic cell death. {ECO:0000269|PubMed:10339589, ECO:0000269|PubMed:26506309, ECO:0000269|PubMed:30217979, ECO:0000269|PubMed:9571151}.

Molecular Weight:

50.4 kDa

UniProt:

[O60239](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

as well. 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
