

Datasheet for ABIN7551864

## SH3BP2 Protein (AA 1-561) (His tag)



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### Overview

Quantity:	1 mg
Target:	SH3BP2
Protein Characteristics:	AA 1-561
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SH3BP2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat SH3BP2 Protein expressed in mammalian cells.
Sequence:	<p>MAAEEMHWPV PMKAIGAQNL LTMPGGVAKA GYLHKKGGTQ LQLLKWPLRF VIIHKRCVYY</p> <p>FKSSTSASPQ GAFSLSGYNR VMRAAEETTS NNVFPFKIIH ISKKHRTWFF SASSEEERKS</p> <p>WMALLRREIG HFHEKKDLPL DTSDSSSDTD SFYGAVERPV DISLSPYPTD NEDYEHDDDED</p> <p>DSYLEPDSPE PGRLEDALMH PPAYPPPPVP TPRKPAFSDM PRAHSFTSKG PGLLPPPPPP</p> <p>KHGLPDVGLA AEDSKRDPLC PRRAEPCPRV PATPRRMSDP PLSTMPTAPG LRKPPCFRES</p> <p>ASPSPEPWTP GHGACSTSSA AIMATATSRN CDKLKSFHLS PRGPPTSEPP PVPANKPKFL</p> <p>KIAEEDPPRE AAMPGLFVPP VAPRPPALKL PVPEAMARPA VLPRPEKPQL PHLQRSPPDG</p> <p>QSFRSFSFEK PRQPSQADTG GDDSDDEDYEK VPLPNSVFN TTESCEVERL FKATSPRGEP</p> <p>QDGLYCIRNS STKSGKVLVV WDETSNKVRN YRIFEKDSKF YLEGEVLFVS VGSMVEHYHT</p> <p>HVLPESHQSL LRHPYGYTGP R <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein</b></p>

## Product Details

**could make another tag necessary. In case you have a special request, please contact us.**

### 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:

SH3BP2

### Alternative Name:

SH3BP2 ([SH3BP2 Products](#))

### Background:

SH3 domain-binding protein 2 (3BP-2),FUNCTION: Binds differentially to the SH3 domains of certain proteins of signal transduction pathways. Binds to phosphatidylinositols, linking the hemopoietic tyrosine kinase fes to the cytoplasmic membrane in a phosphorylation dependent mechanism.

### Molecular Weight:

62.2 kDa

### UniProt:

[P78314](#)

### Pathways:

[TCR Signaling](#)

## 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