

Datasheet for ABIN7555493
SH3KBP1 Protein (AA 1-665) (His tag)



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Overview

Quantity:	1 mg
Target:	SH3KBP1
Protein Characteristics:	AA 1-665
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SH3KBP1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinant SH3KBP1 Protein expressed in mammalian cells.
Sequence:	MVEAIVEFDY QAQHDELTI SVGEIITNIR KEDGGWWEQ INGRRLFPD NFVREIKKEM KKDPLTNKAP EKPLHEVPSG NSLLSSETIL RTNKRGERRR RRCQVAFSYL PQNDELELK VGDIIEVVGVE VEEGWWEGLV NGKTGMFPSN FIKELSGESD ELGISQDEQL SKSSLRETTG SESDGGDSSS TKSEGANGTV ATAAIQPKKV KGVGFGDIFK DKPIKLRPRS IEVENDFLPV EKTIGKKLPA TTATPDSSKT EMDSRTKSKD YCKVIFPYEA QNDELTIKE GDIVTLINKD CIDVGWWEGE LNRRRGVFPD NFVKLLPPDF EKEGNRPKKP PPPSAPVIKQ GAGTTERKHE IKKIPPERPE MLPNRTEEKE RPEREPKLDL QKPSVPAIPP KKPRPPKTNS LSRPGALPPR RPERVGPLT HTRGDSPKID LAGSSLSGIL DKDLSDRSND IDLEGFDSVV SSTEKLSHPT TSRPKATGRR PPSQLTSSS LSSPDIFDSP SPEEDKEEHI SLAHRGVDAS KKTSKTVTIS QVSDNKASLP PKPGTMAAGG GGPAPLSSAA PSPLSSSLGT AGHRANSPSL FGTEGKPKME PAASSQAAVE ELRTQVRELRSIIETMKDQQ KREIKQLLSE LDEEKIIRLR LQMEVNDIKK ALQSK

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.

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:

SH3KBP1

Alternative Name:

SH3KBP1 ([SH3KBP1 Products](#))

Background:

SH3 domain-containing kinase-binding protein 1 (CD2-binding protein 3) (CD2BP3) (Cbl-interacting protein of 85 kDa) (Human Src family kinase-binding protein 1) (HSB-1),FUNCTION: Adapter protein involved in regulating diverse signal transduction pathways. Involved in the regulation of endocytosis and lysosomal degradation of ligand-induced receptor tyrosine kinases, including EGFR and MET/hepatocyte growth factor receptor, through an association with CBL and endophilins. The association with CBL, and thus the receptor internalization, may be inhibited by an interaction with PDCD6IP and/or SPRY2. Involved in regulation of ligand-dependent endocytosis of the IgE receptor. Attenuates phosphatidylinositol 3-kinase activity by interaction with its regulatory subunit (By similarity). May be involved in regulation of cell adhesion, promotes the interaction between TTK2B and PDCD6IP. May be involved in the

Target Details

regulation of cellular stress response via the MAPK pathways through its interaction with MAP3K4. Is involved in modulation of tumor necrosis factor mediated apoptosis. Plays a role in the regulation of cell morphology and cytoskeletal organization. Required in the control of cell shape and migration. Has an essential role in the stimulation of B cell activation (PubMed:29636373). {ECO:0000250, ECO:0000269|PubMed:11894095, ECO:0000269|PubMed:11894096, ECO:0000269|PubMed:12177062, ECO:0000269|PubMed:12734385, ECO:0000269|PubMed:12771190, ECO:0000269|PubMed:15090612, ECO:0000269|PubMed:15707590, ECO:0000269|PubMed:16177060, ECO:0000269|PubMed:16256071, ECO:0000269|PubMed:21834987, ECO:0000269|PubMed:29636373}.

Molecular Weight: 73.1 kDa

UniProt: [Q96B97](#)

Pathways: [EGFR Signaling Pathway](#), [EGFR Downregulation](#)

Application Details

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