

Datasheet for ABIN7555929

**UBASH3B Protein (AA 1-649) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	UBASH3B (STS1)
Protein Characteristics:	AA 1-649
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBASH3B protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat UBASH3B Protein expressed in mammalien cells.
Sequence:	MAQYGHPSPL GMAAREELYS KVTPRRNRQQ RPGTIKHGSA LDVLLSMGFP RARAQKALAS TGGRSVQAAC DWLFSHVGDP FLDDPLPREY VLYLRPTGPL AQKLSDFWQQ SKQICGKNKA HNIFPHITLC QFFMCEDSKV DALGEALQTT VSRWKCKFSA PLPLELYTSS NFIGLQVKEK SAEVLKKFAA DFAAEAASKT EVHVEPHKKQ LHVTLAYHFQ ASHLPTLEKL AQNIDVKLGC DWVATIFSRD IRFANHETLQ VIYPYTPQND DELELVPGDF IFMSPMEQTS TSEGWIYGTS LTTGCSGLLP ENYITKADEC STWIFHGSYS ILNTSSNSL TFGDGLERR PYEDQQLGET TPLTIICQPM QPLRVNSQPG PQRCLFVCR HGERMDVVFQ KYWLSQCFDA KGRIYRTNLN MPHSLPQRSG GFRDYEKDAP ITVFGCMQAR LVGEALLESN TIIDHVCYSP SLRCVQTAHN ILKGLQQENH LKIRVEPGLF EWTKWVAGST LPAWIPPEL AAANLSVDTT YRPHIPISKL VVSESYDTYI SRSFQVTKI ISECKSKGNN ILIVAHASSL EACTCQLQGL SPQNSKDFVQ MVRKIPYLG FCSCEELGETG IWQLTDPPI PLTHGPTGGF NWRETLQE <b>Sequence without tag.</b>

**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

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### Target:

UBASH3B (STS1)

### Alternative Name:

UBASH3B ([STS1 Products](#))

### Background:

Ubiquitin-associated and SH3 domain-containing protein B (EC 3.1.3.48) (Cbl-interacting protein p70) (Suppressor of T-cell receptor signaling 1) (STS-1) (T-cell ubiquitin ligand 2) (TULA-2) (Tyrosine-protein phosphatase STS1/TULA2),FUNCTION: Interferes with CBL-mediated down-regulation and degradation of receptor-type tyrosine kinases. Promotes accumulation of activated target receptors, such as T-cell receptors and EGFR, on the cell surface. Exhibits tyrosine phosphatase activity toward several substrates including EGFR, FAK, SYK, and ZAP70. Down-regulates proteins that are dually modified by both protein tyrosine phosphorylation and ubiquitination. {ECO:0000269|PubMed:15159412, ECO:0000269|PubMed:17880946}.

### Molecular Weight:

72.7 kDa

## Target Details

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UniProt: [Q8TF42](#)

## Application Details

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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

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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