

Datasheet for ABIN7556367

STAU1/Staufen Protein (AA 1-487) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	STAU1/Staufen (STAU1)
Protein Characteristics:	AA 1-487
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This STAU1/Staufen protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Stau1 Protein expressed in mammalian cells.
Sequence:	MYKPVDPHSR MQSTYSYGMR GGAYPPRYFY PFPVPPLLYQ VELSVGGQQF NGKGKMRPPV KHDAPARALR TLQSEPLPER LEVNGREAE ENLNKSEISQ VFEIALKRNL PVNFEVARES GPPHMKNFVT RVSVGEFVGE GEGKSKKISK KNAARAVLEQ LRRLPPLPAV ERVKPRIKKK SQPTCKTAPD YGQGMNPISR LAQIQQAKKE KEPEYMLL TE RGLPRRREFV MQVKVGHHTA EGVGTNKKVA KRNAENMLE ILGFKVPQAQ PAKPALKSEE KTPVKKPGDG RKTFFFEPS GDENGTSNKD EEFRMPYLSH QQLPAGILPM VPEVAQAVGV SQGHHTKDFT RAAPNPAKAT VTAMIARELL YGGTSP TAET ILKSNISSGH VPHGPRTRPS EQLYYLSRAQ GFQVEYKDFP KNNKNECVSL INCSSQPPLV SHGIGKDVES CHDMAALNIL KLLSELDQQS TEMPRTGNP VSACGRC 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

Product Details

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:

STAU1/Staufen (STAU1)

Alternative Name:

Stau1 ([STAU1 Products](#))

Background:

Double-stranded RNA-binding protein Staufen homolog 1,FUNCTION: Binds double-stranded RNA (regardless of the sequence) and tubulin. May play a role in specific positioning of mRNAs at given sites in the cell by cross-linking cytoskeletal and RNA components, and in stimulating their translation at the site.

Molecular Weight:

53.9 kDa

UniProt:

[Q9Z108](#)

Pathways:

[Asymmetric Protein Localization](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

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
