

Datasheet for ABIN7546370

Double-stranded RNA-binding protein Staufen homolog 2 (STAU2) (AA 1-570) protein (His tag)



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Overview

Quantity:	1 mg
Target:	Double-stranded RNA-binding protein Staufen homolog 2 (STAU2)
Protein Characteristics:	AA 1-570
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat STAU2 Protein expressed in mammalian cells.
Sequence:	MANPKEKTAM CLVNELARFN RVQPQYKLLN ERGPAHSMKF SVQLSLGEQT WESEGSSIKK AQQAVANKAL TESTLPKPVQ KPPKSNVNNN PGSITPTVEL NGLAMKRGEF AIYRPLDPKP FPNYRANYNF RGMYNQRYHC PVPKIFYVQL TVGNNEFFGE GKTRQAARHN AAMKALQALQ NEPIPERSPQ NGESGKDVEDD DKDANKSEIS LVFEIALKRN MPVSFEVIKE SGPPHMKSFV TRVSVGEFSA EGEKNSKLS KKRAATTVLQ ELKKLPPLPV VEKPKLFFKK RPKTIVKAGP EYQGGMNPIS RLAQIQQAKK EKEPDYVLLS ERGMPPRRREF VMQVKVGNEV ATGTGPNKKI AKKNAAEAML LQLGYKASTN LQDQLEKTGE NKGWSGPKPG FPEPTNNTPK GILHLSPDVY QEMEASRHKV ISGTTTLGYLS PKDMNQPSSS FFSISPTSNS SATIARELLM NGTSSTAEAI GLKGSSPTPP CSPVQPSKQL EYLARIQGFQ AALSALKQFS EQGLDPIDGA MNIEKGSLEK QAKHLREKAD NNQAPPGSIA QDCKKSNSAV Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity

Product Details

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:

Double-stranded RNA-binding protein Staufen homolog 2 (STAU2)

Alternative Name:

STAU2 ([STAU2 Products](#))

Background:

Double-stranded RNA-binding protein Staufen homolog 2,FUNCTION: RNA-binding protein required for the microtubule-dependent transport of neuronal RNA from the cell body to the dendrite. As protein synthesis occurs within the dendrite, the localization of specific mRNAs to dendrites may be a prerequisite for neurite outgrowth and plasticity at sites distant from the cell body (By similarity). {ECO:0000250|UniProtKB:Q68SB1}.

Molecular Weight:

62.6 kDa

UniProt:

[Q9NUL3](#)

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