

Datasheet for ABIN7549960
NSFL1C Protein (AA 1-370) (His tag)



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Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | NSFL1C |
| Protein Characteristics: | AA 1-370 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This NSFL1C protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

| | |
|------------------|---|
| Purpose: | Custom-made recombinat NSFL1C Protein expressed in mammalien cells. |
| Sequence: | MAAERQEALR EFVAVTGAEE DRARFFLESA GWDLQIALAS FYEDGGDEDI VTISQATPSS VSRGTAPSDN RVTSFRDLIH DQDEDEEEEEE GQRFYAGGSE RSGQQIVGPP RKKSPNELVD DLFKGAKEHG AVAVERVTKS PGETSKPRPF AGGGYRLGAA PEEESAYVAG EKQRHSSQDV HVVLKLWKSG FSLDNGELRS YQDPSNAQFL ESIRRGVPA ELRRLAHGGQ VNLDMEDHRD EDFVKPKGAF KAFTGEGQKL GSTAPQVLST SSPAQAENE AKASSSILID ESEPTTNIQI RLADGGRLVQ KFNHSHRISD IRLFIVDARP AMAATSFILM TTFPNKELAD ESQTLKEANL LNAVIVQRLT 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: |

Product Details

- 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: NSFL1C

Alternative Name: NSFL1C ([NSFL1C Products](#))

Background: NSFL1 cofactor p47 (UBX domain-containing protein 2C) (p97 cofactor p47),FUNCTION: Reduces the ATPase activity of VCP (By similarity). Necessary for the fragmentation of Golgi stacks during mitosis and for VCP-mediated reassembly of Golgi stacks after mitosis (By similarity). May play a role in VCP-mediated formation of transitional endoplasmic reticulum (tER) (By similarity). Inhibits the activity of CTSL (in vitro) (PubMed:15498563). Together with UBXN2B/p37, regulates the centrosomal levels of kinase AURKA/Aurora A during mitotic progression by promoting AURKA removal from centrosomes in prophase (PubMed:23649807). Also, regulates spindle orientation during mitosis (PubMed:23649807). {ECO:0000250|UniProtKB:O35987, ECO:0000269|PubMed:15498563, ECO:0000269|PubMed:23649807}.

Molecular Weight: 40.6 kDa

UniProt: [Q9UNZ2](#)

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
