

[Go to Product page](#)

Datasheet for ABIN7555991

USP6NL Protein (AA 1-828) (His tag)

Overview

Quantity:	1 mg
Target:	USP6NL
Protein Characteristics:	AA 1-828
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This USP6NL protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat USP6NL Protein expressed in mammalian cells.
Sequence:	MNSDQDVALK LAQERAEIVA KYDRGREGAE IEPWEDADYL VYKVTDRFGF LHEEELPDHN VAVERQKHLE IERTTKWLKM LKGWEKYKNT EKFHRRYKIG IPLQLRGEVW ALLLEIPKMK EETRDLYSKL KHRARGCSPD IRQIDLVDNR TFRDHIMFRD RYGVKQQSLF HVLAAYSIYN TEVGYCQGMS QITALLMYM NEEDAFWALV KLFSGPKHAM HGFFVQGFPK LLRFQEHEK ILNKFLSKLK QHLDSQEIYT SFYTMKWFFQ CFLDRTPFTL NLRWIDIYIF EGERVLTAMS YTILKLHKKH LMKLSMEELV EFFQETLAKD FFFEDDFVIE QLQISMTTELK RAKLDLPEPG KEDEYPPKPL GQLPPELQSW GVHHLNSGQR SVGRPSPLAS GRRESGAPHR RHEHSPHPQS RTGTPERAQP PRRKSVEEES KKLKDEADFQ RKLPSGPQDS SRQYNHAAAN QNSNATSNIR KEFVPKWNKP SDVSATERTA KYTMEGKGRA AHPALAVTVP GPAEVRVSNV RPKMKALDAE DGKRGSTASQ YDNVPGPELD SGASVEEALE RAYSQSPRHA LYPPSPRKHA EPSSSPSKVS NKFTFKVQPP SHARYPSQLD GEARGLAHP SYSNPPVYHG NSPKHFPTAN SSFASPQFSP

Product Details

GTQLNPSRRP HGSTLSVSAS PEKSYSRPPSP LVLPSSEIEV LPVDTGAGGY SGNSGSPKNG
KLIIPPVDYL PDNRTWSEVS YTYRPETQQGQ SWTRDASRGN LPKYSAFQLA PFQDHGLPAV
SVDSPVRYKA SPAAEDASPS GYPYSGPPPP AYHYRNRDGL SIQESVLL **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:

USP6NL

Alternative Name:

USP6NL ([USP6NL Products](#))

Background:

USP6 N-terminal-like protein (Related to the N-terminus of tre) (RN-tre),FUNCTION: Acts as a GTPase-activating protein for RAB5A and RAB43. Involved in receptor trafficking. In complex with EPS8 inhibits internalization of EGFR. Involved in retrograde transport from the endocytic pathway to the Golgi apparatus. Involved in the transport of Shiga toxin from early and recycling endosomes to the trans-Golgi network. Required for structural integrity of the Golgi complex. {ECO:0000269|PubMed:11099046, ECO:0000269|PubMed:17562788, ECO:0000269|PubMed:17684057}.

Target Details

Molecular Weight: 94.1 kDa

UniProt: [Q92738](#)

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