

Datasheet for ABIN7555944
USO1 Protein (AA 1-962) (His tag)



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Overview

Quantity:	1 mg
Target:	USO1
Protein Characteristics:	AA 1-962
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This USO1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant USO1 Protein expressed in mammalian cells.
Sequence:	<p>MNFLRGVMGG QSAGPQHTEA ETIQKLCDRV ASSTLLDDRR NAVRALKSLS KKYRLEVGIQ AMEHLIHVLQ TDRSDSEIIG YALDTLYNII SNEEEEEVEE NSTRQSEDLG SQFTEIFIKQ QENVTLTLLSL LEEFDFHVRW PGVKLLTSL LKQLGPQVQVI ILVSPMGVSR LMDLLADSRE VIRNDGVLLL QALTRSNGAI QKIVAFENAF ERLLDIIEE GNSDGGIVVE DCLILLQNL KNNNSNQNF KEGSYIQRMK PWFEVGDENS GWSAQKVTNL HLMLQLVRVL VSPTNPPGAT SSCQKAMFQC GLLQQLCTIL MATGVPADIL TETINTVSEV IRGCQVNQDY FASVNAPSNP PRPAIVVLLM SMVNERQPFV LRCVLYCFQ CFLYKNQKGQ GEIVSTLLPS TIDATGNSVS AGQLLCGLF STDSLWNCA AVALAHALQE NATQKEQLLR VQLATSIGNP PVSLLQQCTN ILSQGSKIQT RVGLLMLLCT WLSNCPIAVT HFLHNSANVP FLTGQIAENL GEEEQLVQGL CALLLGISIY FNDNSLESYM KEKQKQIEK RIGKENFIEK LGFISKHELY SRASQKQPQN FPSPEYMIFD HEFTKLVKEL EGVITKAIYK SSEEDKKEEE VKKTLEQHDN IVTHYKNMIR EQDLQLEELR QQVSTLKCQN EQLQTAVTQQ VSQIQQHKDQ YNLLKIQLGK DNQHQGSYSE</p>

Product Details

GAQMNGIQPE EIGRLREEIE ELKRNQELLQ SQLTEKDSMI ENMKSSQTSG TNEQSSAIVS
ARDSEQVAEL KQELATLKSQ LNSQSVEITK LQTEKQELLQ KTEAFKSVQ VQGETETIIA
TKTTDVEGRL SALLQETKEL KNEIKALSEE RTAIKEQLDS SNSTIALQT EKDKLELEIT
DSKKEQDDLL VLLADQDQKI LSLKNKLDL GHPVEEDEL ESGDQEDED ESEDPGKDL HI

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 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: US01

Alternative Name: US01 ([US01 Products](#))

Background: General vesicular transport factor p115 (Protein US01 homolog) (Transcytosis-associated protein) (TAP) (Vesicle-docking protein),FUNCTION: General vesicular transport factor required for intercisternal transport in the Golgi stack, it is required for transcytotic fusion and/or subsequent binding of the vesicles to the target membrane. May well act as a vesicular anchor

Target Details

by interacting with the target membrane and holding the vesicular and target membranes in proximity. {ECO:0000250|UniProtKB:P41542}.

Molecular Weight: 107.9 kDa

UniProt: [O60763](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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