

Datasheet for ABIN7545023
UST Protein (AA 1-406) (His tag)



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Overview

Quantity:	1 mg
Target:	UST
Protein Characteristics:	AA 1-406
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UST protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat UST Protein expressed in mammalien cells.
Sequence:	MKKKQHPGG GADPWPHGAP MGGAPPGLGS WKRRVPLLPF LRFSLRDYGF CMATLLVFCL GSLLYQLSGG PPRFLDLRQ YLGNSTYLDD HGPPPSKVLP FPSQVWYNRV GKCGSRTVVL LLRILSEKHG FNLVTSDIHN KTRLTKNEQM ELIKNISTAE QPYLFTRHVH FLNFSRFGGD QPVYINIIRD PVNRFLSNYF FRRFGDWRGE QNHMIRTPSM RQEERYLDIN ECILENYPEC SNPRLFYIIP YFCGQHPRCR EPGEWALERA KLVNENFLL VGILEELEDV LLLLERFLPH YFKGVLSIYK DPEHRKLGNM TVTVKKTGPS PEAQVILYQR MRYEYEFYHY VKEQFHLLKR KFKLKSHVSK PPLRPHFFIP TPLETEEPID DEEQDDEKWL EDIYKR 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
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Grade:	custom-made
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Target Details

Target:	UST
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Alternative Name:	UST (UST Products)
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Background:	Uronyl 2-sulfotransferase (EC 2.8.2.-),FUNCTION: Sulfotransferase that catalyzes the transfer of sulfate to the position 2 of uronyl residues. Has mainly activity toward iduronyl residues in dermatan sulfate, and weaker activity toward glucuronyl residues of chondroitin sulfate. Has no activity toward desulfated N-sulfated heparin.
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Molecular Weight:	47.7 kDa
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UniProt:	Q9Y2C2
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Pathways:	Glycosaminoglycan Metabolic Process
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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.
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Restrictions:	For Research Use only
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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