

Datasheet for ABIN7544456

C14orf101 Protein (AA 1-707) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	C14orf101
Protein Characteristics:	AA 1-707
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C14orf101 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TMEM260 Protein expressed in mammalian cells.
Sequence:	MSPHGDGRGQ AQGRAVRVGL RRS GGIRGGV AVFAAVA AVF TFTLPPSVPG GDSGELITAA HELGVAHPPG YPLFTLVAKL AITLFPFGSI AYRVNLLCGL FGAVAASLLF FTVFRLSGSS AGGILAAAGVF SFSRLTWQWS IAAEVFSLNN LFGVLLMALT VHFEEAATAK ERSKVAKIGA FCCGLSLCNQ HTIILYVLCI IPWILFQLL KKELSLGSL KLSLYFSAGL LPYVHLPIS YLNHARWTWG DQTTLQGFLT HFLREEYGTF SLAKSEIGSS MSEILLSQVT NMRTLSFNI QALAVCANIC LKDKDRQNP LVLWFTGMFC IYSLFFAWRA NLDISKPLFM GVVERFWMQS NAVVAVLGI GLAAVSETN RVLNSNGLQC LEWLSATLFV VYQIYSNYSV CDQRTNYVID KFAKNLLTSM PHDAIILLRG DLPGNLSRYM HYCEGLRPDI SLVDQEMMTY EWYLPKMAKH LPGVNFPGNR WNPVEGILPS GMVTFNLYHF LEVKNQKETV VCGIHEGDP TWKKNYSLWP WGSCDKLVPL EIVFNPEEWI KLTKSIYNWT EEYGRFDPSS WESVANEEMW QARMKTPFFI FNLAETAHMP SKVKAQLYAQ AYDLYKEIVY LQKEHPVNWH KNYAIACERM LRLQARDADP EVLLSETIRH FRLYSQKAPN DPQQADILGA LKHLRKELOS LRNRKNV Sequence without tag. The

Product Details

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: C14orf101

Alternative Name: TMEM260 ([C14orf101 Products](#))

Background: Protein O-mannosyl-transferase TMEM260 (EC 2.4.1.109) (Transmembrane protein 260),FUNCTION: O-mannosyl-transferase that transfers mannosyl residues to the hydroxyl group of serine or threonine residues of proteins (PubMed:37186866). Specifically glycosylates the IPT/TIG domain of target proteins, such as MET and MST1R/RON (PubMed:37186866). TMEM260-mediated O-mannosylated residues are composed of single mannose glycans that are not elongated or modified (PubMed:37186866). {ECO:0000269|PubMed:37186866}.

Molecular Weight: 79.5 kDa

Target Details

UniProt: [Q9NX78](#)

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