

Datasheet for ABIN7563269

**MAN1A1 Protein (AA 1-655) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	MAN1A1
Protein Characteristics:	AA 1-655
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAN1A1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Man1a1 Protein expressed in mammalian cells.
Sequence:	MPVGGLLPLF SSPGGGGLGS GLGGGLGGGR KGSGPAAFRL TEKFVLLLVF SAFITLCFGA IFFLPDSSKL LSGVLFHNSP ALQPPAEHKP GLGARAEDAA EGRVRHREEG APGDPGAGLE DNLARIRENH ERALREAKET LQKLPEEIQR DILLEKEKVA QDQLRDKDLF RGLPKVDFLP PVGVENREPA DATIREKRAK IKEMMTHAWN NYKRYAWGLN ELKPISKEGH SSSLFGNIKG ATIVDALDTL FIMGMKTEFQ EAKSWIKKYL DFNVNAEVSF FEVNIRFVGG LLSAYYLSGE EIFRKKAVEL GVKLLPAFHT PSGIPWALLN MKSGIGRNWP WASGGSSILA EFGTLHLEFM HLSHLSGDPV FAEKVMKIRT VLNKLDKPEG LYPNYLNPSS GQWGQHHSV GGLGDSFYEY LLKAWLMSDK TDLEAKKMYF DAVQAIETHL IRKSSGGLTY IAEWKGLLE HKMGHLTCFA GGMFALGADG APEARAQHYL ELGAEIARTC HESYNRTYVK LGPEAFRFDG GVEAIATRQN EKYYILRPEV IETMYMWRL THDPKYRTWA WEAVEALESH CRVNGGYSGL RDVYIARES Y DDVQQSFFLA ETLKYLYLIF SDDDLLPLEH WIFNTEAHPF PILREQKKEI DGKEK <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression</b>

## Product Details

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**system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

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**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.

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**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.

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**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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**Grade:** custom-made

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## Target Details

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**Target:** MAN1A1

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**Alternative Name:** Man1a1 ([MAN1A1 Products](#))

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**Background:** Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA (EC 3.2.1.113) (Man(9)-alpha-mannosidase) (Man9-mannosidase) (Mannosidase alpha class 1A member 1) (Processing alpha-1,2-mannosidase IA) (Alpha-1,2-mannosidase IA),FUNCTION: Involved in the maturation of Asn-linked oligosaccharides. Progressively trim alpha-1,2-linked mannose residues from Man(9)GlcNAc(2) to produce Man(5)GlcNAc(2).

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**Molecular Weight:** 73.3 kDa

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**UniProt:** [P45700](#)

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## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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