

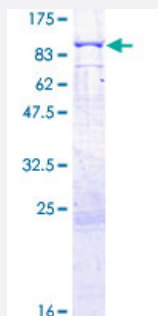
Full-Length

MAN1C1 (Human) Recombinant Protein (P01)

Catalog # H00057134-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MAN1C1 full-length ORF (NP_065112.1, 1 a.a. - 630 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLMRKVPGFVPASPWGLRLPQKFLFLFLSGLVTLFCGALFLLPHSSRLKRLFLAPRTQQPGLEV
VAEIAGHAPAREQEPPNPAPAAPAGEDDPSSWASPRRRKGGLRRTRPTGPREEATAARGNS
IPASRPGDEGVPFRFDNFNFRSRLRHPVLGTRADESQEPQSQVRAQREKIKEMMQFAWQSYKR
YAMGKNELRPLTKDGYEGNMFGGLSGATVIDSLDTLYLMELKEEFQEAKAWVGESFHLNVSGEA
SLFEVNIRYIGLLSAFYLTGEEVFRIKAILRGEKLLPAFNTPTGIPKGVSFKSGNWWGATAGSSSI
LAIEFGSLHLEFLHLELTSNGNQVFAEKVRNIRKVLRIKIEKPGLYPNFLSPVSGNWWQHHVSVGGL
GDSFYEYLIKSWLMSGKTDMEAKNMYEALAEIETLLNVSPGGLTYAEWRGGILDHKMGHLACF
SGGMIALGAEDAKEEKRAHYRELAAQITKTCHESYARSDTKLGPEAFWFNSGREAVATQLSESYI
LRPEVVESYMYLWRQTHNPIYREWGWEVVLALAEKYCRTEAGFSGIQDVYSSTPNHDNKQSSFFL
AETLKLYLLFSEDDLLSLEDWVFNTEAHPLPVNHSDSSGRAWGRH

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

97.3

Interspecies Antigen Sequence

Mouse (88); Rat (88)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MAN1C1

Entrez GeneID	57134
GeneBank Accession#	NM_020379.1
Protein Accession#	NP_065112.1
Gene Name	MAN1C1
Gene Alias	HMIC, MAN1A3, MAN1C, pp6318
Gene Description	mannosidase, alpha, class 1C, member 1
Gene Ontology	Hyperlink
Gene Summary	mannosidase
Other Designations	1,2-alpha-mannosidase IC Alpha-1,2-mannosidase IC Mannosyl-oligosaccharide 1,2-alpha-mannosidase IC Processing alpha-1,2-mannosidase IC

Pathway

- [Metabolic pathways](#)

- [N-Glycan biosynthesis](#)

Disease

- [Tobacco Use Disorder](#)