

Recombinant Human MAN1A2 Protein, His-tagged

Cat. No. MAN1A2-477H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAN1A2 (NP_006690.1) (Pro58-Arg641) was expressed with a polyhistidine tag at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	Pro58-Arg641
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 %- 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human MAN1A2 consists of 603 amino acids and predicts a molecular mass of 69 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -70 centigrade. Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [MAN1A2 mannosidase, alpha, class 1A, member 2 \[Homo sapiens \]](#)

Official Symbol [MAN1A2](#)

Synonyms

MAN1A2; mannosidase, alpha, class 1A, member 2; mannosyl-oligosaccharide 1,2-alpha-mannosidase IB; MAN1B; alpha1,2-mannosidase; alpha-1,2-mannosidase IB; processing alpha-1,2-mannosidase IB;

Gene ID [10905](#)

mRNA Refseq [NM_006699](#)

Protein Refseq [NP_006690](#)

MIM [604345](#)

UniProt ID [O60476](#)

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