

Recombinant Human MAN1A2, GST-tagged

Cat. No. MAN1A2-720H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAN1A2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	292-641aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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;

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Gene ID	10905
mRNA Refseq	NM_006699
Protein Refseq	NP_006690
MIM	604345
UniProt ID	O60476
Chromosome Location	1p13
Pathway	Asparagine N-linked glycosylation, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; N-Glycan biosynthesis, organism-specific biosystem; N-Glycan biosynthesis, conserved biosystem; N-glycan precursor trimming, organism-specific biosystem; N-glycan precursor trimming, conserved biosystem;
Function	calcium ion binding; hydrolase activity, acting on glycosyl bonds; mannosyl-oligosaccharide 1,2-alpha-mannosidase activity;

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