

Recombinant Human MAN2A1 Protein, GST-tagged

Cat. No. MAN2A1-1427H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MAN2A1 partial ORF (NP_002363, 1045 a.a. - 1144 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein which is a member of family 38 of the glycosyl hydrolases. The protein is located in the Golgi and catalyzes the final hydrolytic step in the asparagine-linked oligosaccharide (N-glycan) maturation pathway. Mutations in the mouse homolog of this gene have been shown to cause a systemic autoimmune disease similar to human systemic lupus erythematosus.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	36.74 kDa
AA Sequence	DIHLVNLRTIQSKVGNHGSNEAALILHRKGFDCRFSSKGTGLFCSTTQGKILVQKLLN KFIVESLTPSSLSLMHSPPGTQNISEINLSPMEISTFRIQLR
Storage	Store at -80 centigrade.

GENE INFORMATION

Gene Name	MAN2A1 mannosidase alpha class 2A member 1 [Homo sapiens (human)]
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Official Symbol	MAN2A1
Synonyms	GOLIM7,MANA2,MANII
Gene ID	4124
mRNA Refseq	NM_002372
Protein Refseq	NP_002363
MIM	154582
UniProt ID	Q16706
	