

Recombinant Rat Man2a1, His-tagged

Cat. No. Man2a1-3375R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alpha-mannosidase 2 (Man2a1)
Species	Rat
Source	E.Coli/Yeast
ProteinLength	489
Description	golgi enzyme involved in asparagine-linked oligosaccharide processing .
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Man2a1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic

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procedures.

GENE INFORMATION

Gene Name	Man2a1 mannosidase, alpha, class 2A, member 1 [Rattus norvegicus]
Official Symbol	Man2a1
Synonyms	MAN2A1; mannosidase, alpha, class 2A, member 1; alpha-mannosidase 2; MAN II; AMan II; mannosidase alpha 2; alpha-mannosidase II; mannosidase 2, alpha 1; golgi alpha-mannosidase II; mannosyl-oligosaccharide 1,3-1,6-alpha-mannosidase; Mana2; Manno;
Gene ID	25478
mRNA Refseq	NM_012979
Protein Refseq	NP_037111
Pathway	Metabolic pathways, organism-specific biosystem; N-Glycan biosynthesis, organism-specific biosystem; N-Glycan biosynthesis, conserved biosystem; N-glycan biosynthesis, complex type, organism-specific biosystem; N-glycan biosynthesis, complex type, conserv
Function	alpha-mannosidase activity; carbohydrate binding; catalytic activity; cation binding; hydrolase activity, hydrolyzing N-glycosyl compounds; hydrolase activity, hydrolyzing N-glycosyl compounds; mannosidase activity; mannosyl-oligosaccharide 1,3-1,6-alpha-mannosidase activity; metal ion binding; zinc ion binding;

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