



Recombinant Rabbit Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA (MAN1A1)

Product Code	CSB-BP013383RB
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P45701
Product Type	Recombinant Protein
Immunogen Species	Oryctolagus cuniculus (Rabbit)
Purity	≥85% (SDS-PAGE)
Sequence	<p>REPADAAVRE KRAKIKEMME HAWNSYKRYA WGLNELKPIT KEGHSSSLFG TIKGATIVDA LDTLFIMGME SEFQEAQSWI AENLDFNVNA EISVFEVNIR FVGGLLSAYY LSGEEIFRKK AVELGIKLLP AFHTPSGIPW ALLNIKSGIG RNWPWASGGS SILAEFGTLH LEFMHLSHLS GNPIFAEKVM NIRKVLNKLE KPEGLYPNYL NPSSGQWGQH HVSIGGLGDS FYEYLLKAWL MSEKTDLEAK KMYFDAVQAI ETHLIRKSSG GLTYIAEWKG GLEHKMGHL TCFAGGMFAL GADGAPEGRA QHYLELGAEI ARTCHESYNR TFMKLGPEAF RFDGGVEAIA TRQNEKYIIL RPEVVETMY MWRLTHDPKY RKWAVEAVEA LESHCRVNGG YSGLRDVYFT HEKYDQVQQS FFLAETLKYL YLIFSDDDLL PLEHWIFNTE AHLLPILPTD QKEVEVKVK</p>
Source	Baculovirus
Target Names	MAN1A1
Protein Names	Recommended name: Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA EC= 3.2.1.113 Alternative name(s): Man(9)-alpha-mannosidase Mannosidase alpha class 1A member 1 Processing alpha-1,2-mannosidase IA Short name= Alpha-1,2-man
Expression Region	1-469
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This gene encodes a class I mammalian Golgi 1,2-mannosidase which is a type II transmembrane protein. This protein catalyzes the removal of 3 distinct mannose residues from peptide-bound Man(9)-GlcNAc(2) oligosaccharides and belongs to family 47 of glycosyl hydrolases.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.