

Recombinant Full Length Pig Mannosyl-Oligosaccharide 1,2-Alpha-Mannosidase Ia(Man1A1) Protein, His-Tagged

Cat. No. RFL10734SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Pig Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA(MAN1A1) Protein (O02773) (1-659aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Sus scrofa (Pig)
Source	E.coli
ProteinLength	Full Length (1-659)
Form	Lyophilized powder
AA Sequence	MPVGGLLPLFSSPAGGGLGGGLGGGLGGGGGGGGRKGSGPSAFRLTEKFVLLLVS SAFITLCFGAIFFLPDSSKLLSGVLFHSSPALQPAADHKPGPGARAEDAADGRARPG EEGAPGDPAALEDNLARIRENHERALMEAKETLQKLPEEIQRDILMEKEKVAQDQM SNRMGFRLPPVYLVLIGLIGLIDREPADAAVREKRAKIKEMMKHAWNMYKLYAWGKNE LKPVSKGGHSSSLFGNIKGATIVDALDTLFIKMKNEFEEAKAWVEEHLNFNVNAEV SVFEVNIRFIGGLISAYYLSGEEIFRKKAVELGVKLLPAFYTPSGIPWALLNIKSGIGRN WPWASGGSSILAEFGTLHLEFIHLSYLSGNPFPAEKVMNIRKVLNNLEKPQGLYPNY LNPNSGQWGQYHVSVGGGLGDSFYEYLLKAWLMSDKTDLEAKMYFDAIKAIETHLIR KSRNGLTYIAEWKGGELLEHKMGHLTCFAGGMFALGADDAPDGLTQHLYQLGAEIAR TCHESYSRTFVKLGPEAFRFDGGVEAIATRQNEKYYILRPEVVETLYLMWRLTHDPK YRKWAVEAVEALEKHCRVNGGYSGLRDVYVSAQTYDDVQQSFFLAETLKYLYLIFS

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	DDDLLPLEHWIFNTEAHPLPVLSRNIKKVEDNEK
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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.

GENE INFORMATION

Gene Name	MAN1A1
Synonyms	MAN1A1; MAN1A; Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA; Man(9-alpha-mannosidase; Man9-mannosidase; Mannosidase alpha class 1A member 1; Processing alpha-1,2-mannosidase IA; Alpha-1,2-mannosidase IA
UniProt ID	O02773

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