

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

Cat. No. RFL32465MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA(Man1a1) Protein (P45700) (1-655aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-655)
Form	Lyophilized powder
AA Sequence	MPVGGLLPLFSSPGGGGLGSGLGSGGLGGGRKGS GPAAFRLTEKFVLLLVSFAFITL CFGAIFFLPDSSKLLSGVLFHSPALQPPAEHKPGLGARAEDAAEGRVRHREEGAP GDPGAGLEDNLARIRENHERALREAKETLQKLPEEIQRDILLEKEKVAQDQLRDKDLF RGLPKVDLFPVGVENREPADATIREKRAKIKEMMTHAWNNYKRYAWGLNELKPIS KEGHSSSLFGNIKGATIVDALDTLFIMGMKTEFQEAKSWIKKYLDFNVNAEVS VFVN IRFVGGLLSAYYLSGEEIFRKKAVELGVKLLPAFHTPSGIPWALLNMKSGIGRNWPW ASGGSSILAEFGTLHLEFMHLSHLSGDPVFAEKVMKIRTVLNKLDKPEGLYPNYLNPS SGQWGQHHSVVGGLGDSFYEYLLKAWLMSDKTDLEAKKMYFDAVQAIETHLRKSS GGLTYIAEWKGGLLEHKMGHLTCFAGGMFALGADGAPEARAQHYLELGAEIARTCH ESYNRTYVKLGPEAFRFDGGVEAIATRQNEKYYILRPEVIETYMYMWRLTHDPKYRT WAVEAVEALESHCRVNGGYSGLRDVYIARES YDDVQQSFFLAETLKYLILFSDDDL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	LPLEHWIFNTEAHPFPILREQKKEIDGKEK
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	P45700

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA