

Recombinant Full Length Rat Endoplasmic Reticulum Mannosyl-Oligosaccharide 1,2-Alpha-Mannosidase(Man1B1) Protein, His-Tagged

Cat. No. RFL18306RF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Endoplasmic reticulum mannosyl-oligosaccharide 1,2-alpha-mannosidase(Man1b1) Protein (B2GUY0) (1-657aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-657)
Form	Lyophilized powder
AA Sequence	<p> MYPPPPAPAPHRDFISVTLISLGESYDNSKSRRRRSCWRKWKQLSRLQRNVILFVLG FLILCGFLYSLQVSDQWKALSGSRAEVEKMKLEVLPLPAPQKESAEPEGFADILSQ KRQRHLRRGPPHLQIRPPNTVSKDGMQDDAKEREALGKAQQEENTQRTVISWRG AVIEPEQATEPPSKRAEASIKPLFLASRIWKEPAPPNERQKGVIEAFLHAWKGYQKFA WGHDELKPVSKTFSEWFGLGLTLIDALDTMWILGLKQEFKEARKWVSENLDQKQNV DVNLFESTIRILGGLLSAYHLSGDSLFLSKAEDFGNRLMPAFTTPSKIPYSDVNIGTGF AHSPQWTSdstVAEVTSIQLEFRELSRLTGIIKFQEAVEEVTKHHSLSGKKDGLVP MFINTNSGLFTHPGVFTLGARADSYEYLLKQWIQGGKKETQLLEDYVRAIEGIKAHL LRQSQPRKLTfVgELAHGRFSakMDHLVCFLPGTLALGVHhGLPADHMDLALALME TCYQMNQqMETGLSPEIAHFNMYPRAHDKdVEVkpADRHnLLRPETVESLfyLYRV </p>

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TKDRKYQDWGWEILQSFNKYTRVPSGGYSSINNVQNSHKPEPRDKMESFFVGETL
KYLYLLFSDDLELLGLDTCVFNTEAHPLPIWSPA

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 Man1b1

Synonyms Man1b1; Endoplasmic reticulum mannosyl-oligosaccharide 1,2-alpha-mannosidase; ER alpha-1,2-mannosidase; ER mannosidase 1; ERMan1; Mannosidase alpha class 1B member 1

UniProt ID [B2GUY0](#)

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