

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

Cat. No. RFL3249MF    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Mouse Endoplasmic reticulum mannosyl-oligosaccharide 1,2-alpha-mannosidase(Man1b1) Protein (A2AJ15) (1-658aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Mus musculus
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-658)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>MYPPPAPPPAPHRDFISVTLSLGEYSDNSKSRRRRSCWRKWKQLSRLQRNVILFVL            GFLILCGFLYSLHTADQWKALSGRPAEVEKMKQEVLPVLPAPQKESAEQEGFADILS            QKRQRHFRRGPPHLQIRPPNTVSKDGMQDDAKEREAALGKAQQEENTQRTVISWR            GAVIEPEQATELPYKRAEASIKPLVLASKIWKEPAPPNERQKGVIEAFLHAWKGYQKF            AWGHDELKPVSKTFSEWFGGLTLIDALDTMWILGLKQEFKQARKWVSENLDLFQKN            VDVNLFESTIRILGGLLSTYHLSGDSLFLTKAEDFGKRLMPAFTTPSKIPYSDVNIGTG            FAHSPQWTS DSTVAEVTSIQLEFRELSRLTGIIKKFQEAVEEVTKHIHLSLGGKDG LVP            MFINTNSGLFTHPGVFTLGARADSYEYLLKQWIQGGKKETQLLEDYVKAIEGIKAHL            LRQSQPRKLT FVGELAHGRFSAKMDHLVCFLPGTLALGVHHGLPADHMDLARALME            TCYQMNQQMETGLSPEIAHFNMYPADHKDVEVKPADRHNLLRPETVESLFYLYRV</p>

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TRDRKYQDWGWEILQSFNKYTRVPSGGYSSINNVQNSHKPEPRDKMESFFVGETL  
KYLYLLFSDDLELLSLDSCVFNTEAHPLPIWAPA

**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 multiple 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; Man9GlcNAc2-specific-processing alpha-mannosidase; Mannosidase alpha class 1B member 1

**UniProt ID** [A2AJ15](#)

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