

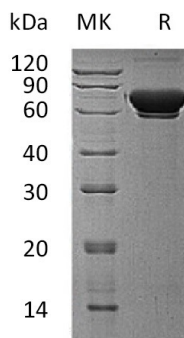
Product Name: Recombinant Human MAN1B1 (C-6His)
Catalog #: PHH1129



概述 (Summary)

英文全称	MAN1B1/Mannosidase alpha class 1B member 1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Endoplasmic Reticulum Mannosyl-Oligosaccharide 1,2-α-Mannosidase/MAN1B1 is produced by our Mammalian expression system and the target gene encoding Asp106-Ala699 is expressed with a 6His tag at the C-terminus.
Accession #	Q9UKM7
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	68.7 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20 mM PB, 50 mM NaCl, 5% Sucrose, 5% Mannitol, 0.05% Tween 80, pH8.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤ -70°C, stable for 6 months after receipt. Store at ≤ -70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



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背景 (Background)

分子别名 (Alternative Names)

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; MAN1B1

背景介绍 (References)

Endoplasmic Reticulum Mannosyl-Oligosaccharide 1,2- α -Mannosidase (MAN1B1) belongs to the glycosyl hydrolase 47 family. MAB1B1 is a single-pass type II membrane protein and widely expressed in many tissues. MAB1B1 is involved in glycoprotein quality control targeting of misfolded glycoproteins for degradation. MAB1B1 can be inhibited by both 1-deoxymannojirimycin (dMNJ) and kifunensine. Defects in MAN1B1 are the cause of mental retardation autosomal recessive type 15 (MRT15). Mental retardation is characterized by significantly below average general intellectual functioning, it is also associated with impairments in adaptative behavior and manifested during the developmental period.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.