

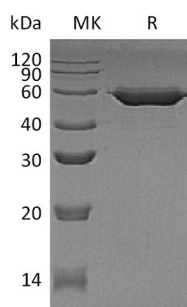
Product Name: Recombinant Human AMY2B (C-6His)
Catalog #: PHH0059



概述 (Summary)

英文全称	AMY2B/Alpha-amylase 2B
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 Alpha-amylase 2B is produced by our Mammalian expression system and the target gene encoding Gln16-Leu511 is expressed with a 6His tag at the C-terminus.
Accession #	P19961
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	56.9 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, pH 8.0.
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)



背景 (Background)

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分子别名 (Alternative Names)

Alpha-amylase 2B; 1;4-alpha-D-glucan glucanohydrolase 2B; Carcinoid alpha-amylase; HXA; AMY2; AMY3

背景介绍 (References)

Alpha-amylase 2B is an enzyme that in humans is encoded by the AMY2B gene. Alpha-amylase 2B is a secreted protein and belongs to the glycosyl hydrolase 13 family. It hydrolyzes 1,4-alpha-glucoside bonds in oligosaccharides and polysaccharides, and thus catalyze the first step in digestion of dietary starch and glycogen. The human genome has a cluster of several amylase genes that are expressed at high levels in either salivary gland or pancreas. This gene encodes an amylase isoenzyme produced by the pancreas. Diseases associated with AMY2B include pancreatitis, and thyroiditis, and among its related super-pathways are Metabolic pathways and MPS IIIC - Sanfilippo syndrome C.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.