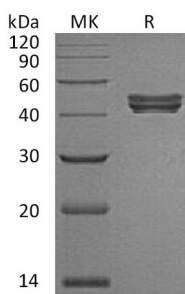


Product Name: Recombinant Human Sialidase-1 (C-6His)
Catalog #: PHH1207

概述 (Summary)

英文全称	NEU-1/Sialidase-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 N-acetyl-alpha-Neuraminidase 1 is produced by our Mammalian expression system and the target gene encoding Glu48-Leu415 is expressed with a 6His tag at the C-terminus.
Accession #	Q99519
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	41.27 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 50% Glycerol, pH 7.4.
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)

分子别名 (Alternative Names) Sialidase-1; Acetylneuraminyl Hydrolase; G9 Sialidase; Lysosomal Sialidase; N-

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背景介绍 (References)

Acetyl-Alpha-Neuraminidase 1; NEU1; NANH

Sialidase-1 belongs to the N-acetyl-a neuraminidase family. Sialidase-1 is expressed in many tissues; it is highly expressed in the pancreas, and weakly expressed in the brain. Sialidase-1 is a lysosomal enzyme, which cleaves terminal sialic acid residues from substrates such as glycoproteins and glycolipids. Deficiencies in the human enzyme Sialidase-1 leads to sialidosis, a rare lysosomal storage disease. Sialidase-1 has been shown to interact with Cathepsin A (protective protein), β -galactosidase and N-acetylgalactosamine-6-sulfate sulfatase in a multienzyme complex.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.