

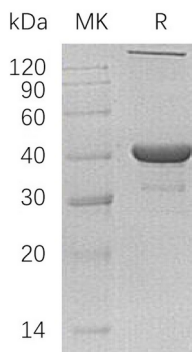
Product Name: Recombinant Human NANS (N-6His)
Catalog #: PEH1189



概述 (Summary)

英文全称	NANS/N-acetylneuraminate synthase
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-Acetylneuraminate Synthase is produced by our E.coli expression system and the target gene encoding Met1-Ser359 is expressed with a 6His tag at the N-terminus.
Accession #	AAH19315.1
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	42.4 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 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)

Sialic Acid Synthase; N-Acetylneuraminate Synthase; N-Acetylneuraminate-9-Phosphate Synthase; N-Acetylneuraminic Acid Phosphate Synthase; N-Acetylneuraminic Acid Synthase; NANS; SAS

背景介绍 (References)

Sialic Acid Synthase (NANS) is an enzyme that contains one AFP-like domain. NANS is ubiquitous and plays a role in the biosynthetic pathways of sialic acids. NANS produces N-acetylneuraminic acid (Neu5Ac) and 2-keto-3-deoxy-D-glycero-D-galacto-nononic acid (KDN). It also can use N-acetylmannosamine 6-phosphate and mannose 6-phosphate as substrates to generate phosphorylated forms of Neu5Ac and KDN, respectively.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.