



Recombinant E. coli N-acetylneuraminic acid synthase Protein (a.a. 1-297) [His] (DAG2496)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Escherichia coli nanA (NP_417692, a.a. 1-297) full-length recombinant protein with His tag expressed in Escherichia coli.
Species	E. coli
Purity	Protein
Conjugate	His
Applications	PAGE
Concentration	Please see the vial label for concentration
Size	100 µg
Buffer	In 20 mM Tris-HCl, pH 8.0 (20% glycerol)
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Produces N-acetylneuraminic acid (Neu5Ac) and 2-keto-3-deoxy-D-glycero-D-galacto-nononic acid (KDN). Can also use N-acetylmannosamine 6-phosphate and mannose 6-phosphate as substrates to generate phosphorylated forms of Neu5Ac and KDN, respectively.
Keywords	NANS; N-acetylneuraminic acid synthase; sialic acid synthase; SAS; N-acetylneuraminate synthase; sialic acid phosphate synthase; N-acetylneuraminate-9-phosphate synthase; N-

acetylneuraminic acid phosphate synthase;
