



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	<i>E. coli</i>
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;
