

Recombinant Human N-Acetylneuraminase Synthase/NANS/SAS Protein(N-6His)

Cat.NO.: TP05218

3th Edition

Synonyms:Sialic Acid Synthase; N-Acetylneuraminase Synthase; N-Acetylneuraminase-9-Phosphate Synthase; N-Acetylneuraminic Acid Phosphate Synthase; N-Acetylneuraminic Acid Synthase; NANS; SAS

Description: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.

Form:PBS

Molecular Weight:42.4 kDa

Sequences:Met 1-Ser359

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.