

N-Acetylneuraminate Lyase E.Coli Recombinant

Item Number	rAP-1276
Synonyms	N-acetylneuraminate lyase, N-acetylneuraminate pyruvate-lyase, N-acetylneuraminic acid aldolase, NA-Lase, Sialate lyase, Sialic acid aldolase, Sialic acid lyase, nanA, npl, b3225, JW3194.
Description	NANA produced in E.Coli is a single, non-glycosylated polypeptide chain containing 317 amino acids (1-297 a.a.) and having a molecular mass of 34.7kDa. NANA is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P0A6L4
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MATNLRGVMA ALLTPFDQQQ ALDKASLRRL VQFNIQQGID GLYVGGSTGE AFVQSLSERE QVLEIVAEAA KGKIKLIAHV GCVSTAESQQ LAASAKRYGF DAVSAVTPFY YPFSFEEHCD HYRAIIDSAD GLPMVVYNIP ALSGVKLTLD QINTLVTLPGVGALKQTSGD LYQMEQIRRE HPDLVLYNGY DEIFASGLLA GADGGIGSTY NIMGWRYQGI VKALKEGDIQ TAQKLQTECN KVIDLLIKTG VFRGLKTVLH YMDVVSVPLC RKPFGPVDEK YLPELKALAQ QLMQERG.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. NANA E.Coli Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Formulation and Purity	The NANA protein solution (1mg/ml) 20mM Tris-HCl buffer (pH8.0) and 20% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**