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32-2611: NPL Recombinant Protein

Alternative Name :	N-acetylneuraminate lyase,NALase,N-acetylneuraminate pyruvate-lyase,N-acetylneuraminic acid aldolase,Sialate lyase,Sialate-pyruvate lyase,Sialic acid aldolase,Sialic acid lyase,NPL,C1orf13,NAL,C112,NPL1.

Description

Source : Escherichia Coli. NPL produced in E.Coli is a single, non-glycosylated polypeptide chain containing 340 amino acids (1-320 a.a.) and having a molecular mass of 37.3kDa.NPL is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. N-acetylneuraminate lyase (NPL) is an enzyme which catalyzes the chemical reaction (N-acetylneuraminate ->N-acetyl-D-mannosamine + pyruvate). NPL is a member of a family of lyases, specifically the oxo-acid-lyases, which cleave carbon-carbon bonds. NPL participates in amino sugars metabolism.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	NPL protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.
Storage condition :	NPL Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MAFPKKKLQG LVAATITPMT ENGEINFSVI GQYVDYLVKE QGVKNIFVNG TTGEGLSLSV SERRQVAEEW VTKGKDKLDQ VIIHVGALSL KESQELAQHA AEIGADGIAV IAPFFLKPWT KDILINFLKE VAAAAPALPF YYYHIPALTG VKIRAEELLD GILDKIPTFQ GLKFSDTDLL DFGQCVDQNR QQQFAFLFGV DEQLLSALVM GATGAVGSTY NYLGKKTNQM LEAFEQKDFS LALNYQFCIQ RFINFVVKLG FGVSQTKAIM TLVSGIPMGP PRLPLQKASR EFTDSAEAKL KSLDFLSFTD LKDGNLEAGS.

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