

RPPB2033

Product Information Protein Information

Product SKU:

RPPB2033

Accession:

Q9BXD5

Host:

Escherichia Coli.

Protein description:

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.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

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.

Formulation:

NPL protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SSGLVPRGSH MAFPKKKLQG LVAATITPMT ENGEINFSVI GQYVDYLVKE QGVKNIFVNG
TTGEGLSLSV SERRQVAEEW VTKGDKLDQ VIIIHVGALS KESQELAQHA AEIGADGIAV IAPFFLKPWT
KDILINFLKE VAAAAPALPF YYYHIPALTG VKIRAEELLD GILDKIPTFQ GLKFSDTDLL DFGQCVDQNR
QQQFAFLFGV DEQLLSALVM GATGAVGSTY NYLGKKTNQM LEAFEQKDFS LALNYQFCIQ RFINFWVKLG
FGVSQTKAIM TLVSGIPMGP PRLPLQKASR EFTDSAEAKL KSLDFLSFTD LKDG NLEAGS.