

Human NANS Recombinant Protein



RPPB1997

Product Information Protein Information

Product SKU:

RPPB1997

Accession:

Q9NR45

Host:

Escherichia Coli.

Protein description:

NANS Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 379 amino acids (1-359 a.a.) and having a molecular mass of 42.4kDa. The NANS is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Sialic acid synthase, N-acetylneuraminate synthase, N-acetylneuraminate-9-phosphate synthase, N-acetylneuraminic acid phosphate synthase, N-acetylneuraminic acid synthase, NANS, SAS.

Formulation:

The NANS solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 10% glycerol.

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 SGLVPRGSH MPLELELCPG RWVGGQHPFC IIAEIGQNHQ GDLDVAKRMI RMAKECGADC
AKFQKSELEF KFNKALERP YTSKHSWGKT YGEHKRHLEF SHDQYRELQR YAEVGIFFT ASGMDEMAVE
FLHELNVPPF KVGSGDTNNF PYLEKTAKKG RPMVISSGMQ SMDTMKQVYQ IVKPLNPNFC FLQCTSAYPL
QPEDVNLRLVI SEYQKLPDI PIGYSGHETG IAISVAVAL GAKVLERHIT LDKTWKGS DH SASLEPGELA
ELVRSVRLVE RALGSPTKQL LPCEMACNEK LGKSVVAKVK IPEGTILTMD MLTVKVGEPK GYPEDIFNL
VGKKVLVTVE EDDTIMEELV DNHGKKIKS.