

Recombinant Human NANS protein, GST-tagged

Cat. No. NANS-287H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NANS protein(NP_061819)(1-359 aa), fused with GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-359 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MPLELELCPGRWVGGQHPCFIIAEIGQNHQGDLDAKRMIRMAKECGADCAKFQKS ELEFKFNRKALERPYTSKHSWGKTYGEHKRHLEFSHDQYRELQRYAEEVGIFFTAS GMDEMAVEFLHELNVPPFFKVGSGDTNFPYLEKTAKKGRPMVISSGMQSMDTMKQ VYQIVKPLNPNFCFLQCTSAYPLQPEDVNLRVISEYQKLFPDIPIGYSGHETGIAISVA AVALGAKVLERHITLDTWKGS DSHASLEPGELAEVRSVRLVERALGSPTKQLLPC EMACNEKLGKSVVAKVKIPEGTILTMMLTVKVGEKGYPPEDIFNLVGKKVLTVVEE DDTIMEELVDNHGKKIKS
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name NANS N-acetylneuraminic acid synthase [Homo sapiens]

Official Symbol NANS

Synonyms

NANS; N-acetylneuraminic acid synthase; sialic acid synthase; SAS; N-acetylneuraminate synthase; sialic acid phosphate synthase; N-acetylneuraminate-9-phosphate synthase; N-acetylneuraminic acid phosphate synthase;

Gene ID 54187

mRNA Refseq NM_018946

Protein Refseq NP_061819

MIM 605202

UniProt ID Q9NR45

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA