Recombinant Human NANP, His-tagged

Cat. No. NANP-28781TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human NANP with an N terminal His tag; 284 amino acids with tag, MWt 31.9 kDa.
Species	Human
Source	E.coli
ProteinLength	248 amino acids
Description	NANP (N-acylneuraminate-9-phosphatase), also known as HDHD4 (Haloacid dehalog enase-like hydrolase domain-containing protein 4), is belongs to the haloacid dehalog enase (HAD) family and is responsible for dephosphorylating N-acylneuraminate 9-ph osphate to
Conjugation	HIS
Molecular Weight	31.900kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 10% Glycerol, 20mM Tris HCl, 2mM DTT, 100mM Sodium chloride, pH 8.0

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

Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMGLSRVRAVFFDLDNTL IDTAGASRRGMLEVIKLLQSKYHYKEEAEIICDKVQVKLSKECFHPYNTCITDLRTSH WEEAIQETKGGAANRKLAEECYFLWKSTRLQHMTLAEDVKAMLTELRKEVRLLLLTN GDRQTQREKIEACACQSYFDAVVVGGEQREEKPAPSIFYYCCNLLGVQPGDCVMV GDTLETDIQGGLNAGLKATVWINKNGIVPLKSSPVPHYMVSSVLELPALLQSIDCKVS MST

GENE INFORMATION

Gene Name	NANP N-acetylneuraminic acid phosphatase [Homo sapiens]
Official Symbol	NANP
Synonyms	NANP; N-acetylneuraminic acid phosphatase; C20orf147, chromosome 20 open reading frame 147 , haloacid dehalogenase like hydrolase domain containing 4 , HDHD4; N-acylneuraminate-9-phosphatase; dJ694B14.3; MGC26833;
Gene ID	140838
mRNA Refseq	NM_152667
Protein Refseq	NP_689880
MIM	610763
Uniprot ID	Q8TBE9
Chromosome	20p11.1

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Location	
Pathway	Amino sugar and nucleotide sugar metabolism, organism-specific biosystem; Amino sugar and nucleotide sugar metabolism, conserved biosystem; CMP-N-acetylneuraminate biosynthesis I (eukaryotes), conserved biosystem; Metabolic pathways, organism-specific biosystem; superpathway of sialic acid and CMP-sialic acid biosynthesis, conserved biosystem;
Function	N-acylneuraminate-9-phosphatase activity; hydrolase activity; phosphoglycolate phosphatase activity;

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