9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-2581: NANP Recombinant Protein

Alternative Name :	N-acylneuraminate-9-phosphatase,Haloacid dehalogenase-like hydrolase domain-containing protein 4,Neu5Ac-9-Pase,NANP,HDHD4,MGC26833,C20orf147,dJ694B14.3.

Description

Source : Escherichia Coli. NANP Human Recombinant fused with a 36 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 284 amino acids (1-248 a.a.) and having a molecular mass of 31.9kDa. The NANP is purified by proprietary chromatographic techniques. N-acylneuraminate-9-phosphatase (NANP) belongs to the haloacid dehalogenase (HAD) family and is responsible for dephosphorylating N-acylneuraminate 9-phosphate to form N-acylneuraminate (N-acylneuraminate 9-phosphate + H2O = N-acylneuraminate + phosphate). The catalytic activity of NANP is relies on the presence of magnesium and is inhibited by vanadate and calcium, which is typical of the HAD phosphatase family.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The NANP solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 2mM DTT and 100mM NaCl.
Storage condition :	NANP should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Amino Acid :	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMGLS RVRAVFFDLD NTLIDTAGAS RRGMLEVIKL LQSKYHYKEE AEIICDKVQV KLSKECFHPY NTCITDLRTS HWEEAIQETK GGAANRKLAE ECYFLWKSTR LQHMTLAEDV KAMLTELRKE VRLLLLTNGD RQTQREKIEA CACQSYFDAV VVGGEQREEK PAPSIFYYCC NLLGVQPGDC VMVGDTLETD IQGGLNAGLK ATVWINKNGI VPLKSSPVPH YMVSSVLELP ALLQSIDCKV SMST.