

N-Acetylneuraminic Acid Phosphatase Human Recombinant

Item Number	rAP-1500
Synonyms	N-acylneuraminate-9-phosphatase, Haloacid dehalogenase-like hydrolase domain-containing protein 4, Neu5Ac-9-Pase, NANP, HDHD4, MGC26833, C20orf147, dJ694B14.3.
Description	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.
Uniprot Accession Number	Q8TBE9
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMGLS RVRVFFDLN NTLIDTAGAS RRG-MLEVIKL LQSKYHYKEE AEICDKVQV KLSKECFHPY NTCITDLRTS HWEEAIQETK GGAANRKLAE ECYFLWKSTR LQHMTLAEDV KAMLTRELKE VRLLLLTNGD RQTQREKIEA CACQSYFDAV VVGGEQREEK PAPSIFYCC NLLGVQPGDC VMVGDTLETD IQGGLNAGLK ATWINKNGI VPLKSSPVPH YMVSSVLELP ALLQSIDCKV SMST.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The NANP solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 2mM DTT and 100mM NaCl. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**