

## Glucosamine-Phosphate N-Acetyltransferase 1 Human Recombinant

<b>Item Number</b>	rAP-1924
<b>Synonyms</b>	Gpnat1, GNPAT, GNA1, EC 2.3.1.4, FLJ10607, Glucosamine-Phosphate N-Acetyltransferase 1, Phosphoglucosamine acetylase, Phosphoglucosamine transacetylase, Glucosamine 6-Phosphate N-Acetyltransferase.
<b>Description</b>	GNPNAT1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 207 amino acids (1-184a.a.) and having a molecular mass of 23.1KDa. GNPAT1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q96EK6
<b>Amino Acid Sequence</b>	MGSSHHHHH SSGLVPRGSH MGSMKPDETP MFDPSELLKEV DWSQNTATFS PAISPTHPE GLVLRPLCTA DLNRGFFKVL GQLTETGVVS PEQFMKSFEH MKKSGDYVVT VVEDVTLGQI VATATLIEH KFIHSCAKRG RVEDVVSDE CRGKQLGKLL LSTLTLLSKK LNCYKITLEC LPQNVGFYKK FGYTVSEENY MCRNFLK
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear 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. Please avoid freeze thaw cycles.
<b>Formulation and Purity</b>	The GNPAT1 protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 30% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**