

# Product datasheet for AR09757PU-L

### GNPNAT1 / GNA1 (1-184, His-tag) Human Protein

### **Product data:**

#### **Product Type: Recombinant Proteins Description:** GNPNAT1 / GNA1 (1-184, His-tag) human recombinant protein, 0.25 mg Species: Human E. coli **Expression Host:** MGSSHHHHHH SSGLVPRGSH MGSMKPDETP MFDPSLLKEV DWSQNTATFS PAISPTHPGE Expression cDNA Clone or AA Sequence: GLVLRPLCTA DLNRGFFKVL GQLTETGVVS PEQFMKSFEH MKKSGDYYVT VVEDVTLGQI VATATLIIEH KFIHSCAKRG RVEDVVVSDE CRGKQLGKLL LSTLTLLSKK LNCYKITLEC LPQNVGFYKK FGYTVSEENY MCRRFLK Tag: His-tag Predicted MW: 23.1 kDa **Concentration:** lot specific >90% **Purity: Buffer:** Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 30% glycerol, 0.1M NaCl **Preparation:** Liquid purified protein **Protein Description:** Recombinant human GNPNAT1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Storage: Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch. Stability: **RefSeq:** NP 932332 64841 Locus ID: **UniProt ID:** Q96EK6, A0A024R649 Cytogenetics: 14q22.1 Synonyms: GNA1; GNPNAT; Gpnat1



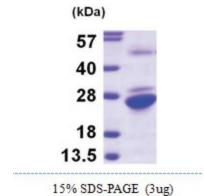
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### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

	GNPNAT1 / GNA1 (1-184, His-tag) Human Protein – AR09757PU-L
Summary:	Glucosamine-phosphate N-acetyltransferase, also known GNPNAT1, belongs to the GNA1 subfamily of the larger acetyltransferase family of proteins. It is localized to the Golgi apparatus and the endosome. It is important for UDPGlcNAc biosynthesis pathway. GNPNAT1 catalyzes the synthesis of GlcNAc6P from AcCoA and GlcN6P, a step in the UDP-GlcNAc6P formation pathway.
Protein Pathway	<i>r</i> s: Amino sugar and nucleotide sugar metabolism

## **Product images:**



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