

Product datasheet for **AR50299PU-N**

NAGK (1-344, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	NAGK (1-344, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAAIYGG VEGGGTRSEV LLVSEDGKIL AeadGLSTNH WLIGTDKCVE RINEMVNRak RKAGVDPLVP LrSLGLSLSG GDQEDAGRIL IEELRDRFPY LSESYLITTD AAGSIATATP DGGVVLISGT GSNCRlinPD GSESGCGGWG HMMGDEGSAY WIAHQAVKIV FDSIDNLEAA PHDIGYVKQA MFHYFQVPDR LGILThLYRD FDKCRFAGFC RKIAEGAQQG DPLSRyIFRK AGEMlGRHIV AVLPeIDPVL FQgKIGLPIL CVGsvWKSWE LLKEGfLLAL TQGREIQAQN FFSSFTLMKL RHSSALGGAS LGARHIGHLL PMDYSANAIA FYSYTFs
Tag:	His-tag
Predicted MW:	39.8 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT, 20% glycerol, 200 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NAGK 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 one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001317354
Locus ID:	55577
UniProt ID:	C9JEV6
Cytogenetics:	2p13.3



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Synonyms: GNK; HSA242910

Summary: This gene encodes a member of the N-acetylhexosamine kinase family. The encoded protein catalyzes the conversion of N-acetyl-D-glucosamine to N-acetyl-D-glucosamine 6-phosphate, and is the major mammalian enzyme which recovers amino sugars. [provided by RefSeq, Nov 2011]

Protein Families: Druggable Genome

Protein Pathways: Amino sugar and nucleotide sugar metabolism

Product images:

