

## Product datasheet for **AR39104PU-S**

### NT5M (32-228, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	NT5M (32-228, His-tag) human recombinant protein, 10 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGGRALRVLV</u> DMDGVLADFE GGFLRKFRAR FPDQPFIALE DRRGFVWSEQ YGRLRPGLSE KAISIWESKN FFELEPLPG AVEAVKEMAS LQNTDVFICT SPIKMFKYCP YEKYAWVEKY FGPDFLEQIV LTRDKTVVSA DLLIDDRPDI TGAEPTPSWE HVLFTACHNQ HLQLQPPRRR LHSWADDWKA ILDSKRPC
Tag:	His-tag
Predicted MW:	25.1 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NT5M protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u><a href="#">NP_064586</a></u>
Locus ID:	56953
UniProt ID:	<u><a href="#">Q9NPB1</a></u>
Cytogenetics:	17p11.2
Synonyms:	dNT-2; dNT2; mdN



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**Summary:** This gene encodes a 5' nucleotidase that localizes to the mitochondrial matrix. This enzyme dephosphorylates the 5'- and 2'(3')-phosphates of uracil and thymine deoxyribonucleotides. The gene is located within the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq, Jul 2008]

**Protein Pathways:** Metabolic pathways, Nicotinate and nicotinamide metabolism, Purine metabolism, Pyrimidine metabolism

**Product images:**

