

## Product datasheet for **AR51707PU-S**

### NT5C3L (1-300, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	NT5C3L (1-300, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAEEVST LMKATVLMRQ PGRVQEIVGA LRKGGGDR LQ VISDFD MTL S RFAYNGKRCP SSYNILDNSK IISEE CRKEL TALLHHYYPI EIDPHRTVKE KLPHMVEWWT KAHNLLCQQK IQKFQIAQVV RESNAMLR EG YKTFNTLYH NNIP LFIFSA GIGDILEEII RQMKVFHPNI HIVSNYMDFN EDGFLQGFKG QLIHTYNKNS SACENSGYFQ QLEGKTNVIL LGDSIGDLTM ADGVPGVQNI LKIGFLNDKV EERRERYMDS YDIVLEKDET LDVWNGLLQH ILCQGVQLEM QGP
Tag:	His-tag
Predicted MW:	36.8 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate Buffered Saline (pH 7.4) containing 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NT5C3B 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 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:	<a href="#">NP_443167</a>
Locus ID:	115024
UniProt ID:	<a href="#">Q969T7</a>
Cytogenetics:	17q21.2
Synonyms:	cN-IIIB; NT5C3L



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**Summary:**

Specifically hydrolyzes 7-methylguanosine monophosphate (m(7)GMP) to 7-methylguanosine and inorganic phosphate (PubMed:23223233, PubMed:24603684). The specific activity for m(7)GMP may protect cells against undesired salvage of m(7)GMP and its incorporation into nucleic acids (PubMed:23223233). Also has weak activity for CMP (PubMed:23223233, PubMed:24603684). UMP and purine nucleotides are poor substrates (PubMed:23223233). [UniProtKB/Swiss-Prot Function]

**Product images:**