

## Product datasheet for **AR51707PU-N**

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	NT5C3L (1-300, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAEEVST LMKATVLMRQ PGRVQEIVGA LRKGGGDRLQ VISDFDMLTS RFAYNGKRCP SSYNILDNSK IISEECKERL TALLHHYYPI EIDPHRTVKE KLPHMVEWWT KAHNLLCQQK IQKFQIAQVV RESNAMLRG YKTFNTLYH NNIPLFIFSA 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



[View online »](#)

**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:**