

Datasheet for ABIN7551913
NT5C3L Protein (AA 1-300) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	NT5C3L
Protein Characteristics:	AA 1-300
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NT5C3L protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NT5C3B Protein expressed in mammalian cells.
Sequence:	MAEEVSTLMK ATVLMRQPGR VQEIVGALRK GGGDRLQVIS DFDMTLSRFA YNGKRCPSSY NILDNSKIIS EECRKELTAL LHHYPIEID PHRTVKEKLP HMVEWWTCAH NLLCQQKIQK FQIAQVVRES NAMLREGYKT FFNTLYHNNI PLFIFSAGIG DILEEIIRQM KVFHPNIHIV SNYMDFNEDG FLQGFKGQLI HTYNKNSSAC ENSGYFQQL E GKTNVILLGD SIGDLTMADG VPGVQNILKI GFLNDKVEER RERYMDSYDI VLEKDETLDV VNGLLQHILC QGVQLEMQGP Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	NT5C3L
Alternative Name:	NT5C3B (NT5C3L Products)
Background:	7-methylguanosine phosphate-specific 5'-nucleotidase (7-methylguanosine nucleotidase) (EC 3.1.3.91) (Cytosolic 5'-nucleotidase 3B) (Cytosolic 5'-nucleotidase III-like protein) (cN-III-like protein) (EC 3.1.3.5) (N(7)-methylguanylate 5'-phosphatase),FUNCTION: 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). {ECO:0000269 PubMed:23223233, ECO:0000269 PubMed:24603684}.
Molecular Weight:	34.4 kDa
UniProt:	Q969T7

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months