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NT5C3B, human recombinant

NT5C3L, 7-methylguanosine phosphate-specific 5'-nucleotidase
Catalog # PBV11520r

Specification

NT5C3B, human recombinant - Product info

Primary Accession	Q969T7
Calculated MW	**36.8 kDa KDa**

NT5C3B, human recombinant - Additional Info

Gene ID	**115024**

Other Names
NT5C3L, 7-methylguanosine phosphate-specific 5'-nucleotidase

Gene Source	**Human**
Source	**E. coli**
Assay&Purity	**SDS-PAGE;> 85%**
Recombinant	**Yes**
Sequence	**MGSSHHHHHH SSGLVPRGSH MGSMAEEVST LMKATVLMRQ PGRVQEIVGA LRKGGGDRLQ VISDFDMTLS RFAYNGKRCP SSYNILDNSKIISEECRKEL TALLHHYYPI EIDPHRTVKE KLPHMVEWWT KAHNLLCQQK IQKFQIAQVV RESNAMLREG YKTFFNTLYH NNIPLFIFSAGIGDILEEII RQMKVFHPNI HIVSNYMDFN EDGFLQGFKG QLIHTYNKNS SACENSGYFQ QLEGKTNVIL LGDSIGDLTM ADGVPGVQNILKIGFLNDKV EERRERYMDS YDIVLEKDET LDVVNGLLQH ILCQGVQLEM QGP**

Target/Specificity
NT5C3B

Format
Liquid

Storage
-20°C;Phosphate Buffered Saline (pH7.4) containing 20% glycerol, 1mM DTT

NT5C3B, human recombinant - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NT5C3B, human recombinant - Images

NT5C3B, human recombinant - Background

NT5C3B, also known 7-methylguanosine phosphate-specific 5'-nucleotidase, includes transferase activity and nucleotide binding. Among its related super-pathways are adenosine nucleotides degradation II and Pyrimidine metabolism. Specifically it hydrolyzes 7-methylguanosine monophosphate (m(7)GMP) to 7- methylguanosine and inorganic phosphate. The specific activity for m(7)GMP may protect cells against undesired salvage of m(7)GMP and its incorporation into nucleic acids. Also it has weak activity for CMP. Recombinant human NT5C3B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography