

## 32-2615: NT5C3B Recombinant Protein

**Alternative Name :** NT5C3L,7-methylguanosine phosphate-specific 5'-nucleotidase,Cytosolic 5'-nucleotidase 3B,Cytosolic 5'-nucleotidase III-like protein,cN-III-like protein,N(7)-methylguanylate 5'-phosphatase.

### Description

Source : Escherichia Coli. NT5C3B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 323 amino acids (1-300 a.a) and having a molecular mass of 36.8kDa. NT5C3B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 7-methylguanosine phosphate-specific 5'-nucleotidase (NT5C3B) includes transferase activity and nucleotide binding. Among NT5C3B's related super-pathways are adenosine nucleotides degradation II and Pyrimidine metabolism. NT5C3B hydrolyzes 7-methylguanosine monophosphate (m(7)GMP) to 7-methylguanosine and inorganic phosphate. The specific activity for m(7)GMP guards cells against undesired retrieval of m(7)GMP and its incorporation into nucleic acids. In addition, NT5C3B has weak activity for CMP.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 85.0% as determined by SDS-PAGE.  
**Content :** NT5C3B protein solution (1mg/ml) containing Phosphate Buffered Saline (pH7.4), 20% glycerol and 1mM DTT.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MGSMAEEVST LMKATVLMRQ PGRVQEIVGA LRKGGGDRLO  
VISDFDMLSRFAYNGKRCP SSYNILDNSK IISEECKERL TALLHHYYPI EIDPHRTVKE KLPHMVEWWT  
KAHNLLCQQKIQKFQIAQVV RESNAMLREG YKTFNTLYH NNIPLFIFSA GIGDILEEII RQMKVFHPNI  
HIVSNYMDFNEDGFLQGFKG QLIHTYKNKS SACENSGYFQ QLEGKTNVIL LGDSIGDLTM ADGVPGVQNI  
LKIGFLNDKVEERRERYMDS YDIVLEKDET LDVVNGLLQH ILCQGVQLEM QGP.

