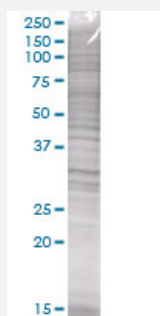


NT5C3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00051251-T01

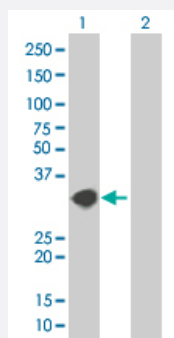
Size 100 uL

Applications



SDS-PAGE Gel

NT5C3 transfected lysate



Western Blot

Lane 1: NT5C3 transfected lysate (31.57 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-NT5C3 full-length
Host	Human
Theoretical MW (kDa)	31.57
Interspecies Antigen Sequence	Mouse (93); Rat (93)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-NT5C3 antibody ([H00051251-B01](#)) by Western Blots.
SDS-PAGE Gel
NT5C3 transfected lysate
Western Blot
Lane 1: NT5C3 transfected lysate (31.57 KDa).
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — NT5C3

Entrez GeneID[51251](#)**GeneBank Accession#**[BC015856](#)**Protein Accession#**[AAH15856](#)**Gene Name**

NT5C3

Gene Alias

MGC27337, MGC87109, MGC87828, P5'N-1, PN-I, PSN1, UMPH, UMPH1, cN-III

Gene Description

5'-nucleotidase, cytosolic III

Omim ID[266120 606224](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Pyrimidine 5-prime-nucleotidase (P5N; EC 3.1.3.5), also called uridine 5-prime monophosphate hydrolase (UMPH), catalyzes the dephosphorylation of the pyrimidine 5-prime monophosphates UMP and CMP to the corresponding nucleosides. There are 2 isozymes of pyrimidine 5-prime nucleotidase in red blood cells, referred to as type I (UMPH1) and type II (UMPH2; MIM 191720). The 2 enzymes are not separable by electrophoresis in humans but have distinct kinetic properties, and the proteins show no homology.[supplied by OMIM]

Other Designations

pyrimidine 5'-nucleotidase|uridine 5' monophosphate hydrolase 1

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)