NT5C3A/NT5C3 Protein, Human

Cat. No.:	HY-P77455
Synonyms:	Cytosolic 5'-nucleotidase 3A; NT5C3; P5N1; UMPH1
Species:	Human
Source:	E. coli
Accession:	Q9H0P0 (M12-L297)
Gene ID:	51251
Molecular Weight:	Approximately 32 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	NT5C3A/NT5C3 Protein, a nucleotidase, exhibits specific activity towards cytidine monophosphate (CMP) and 7-methylguanosine monophosphate (m(7)GMP). While it displays activity towards both substrates, CMP appears to be the preferred substrate for this enzyme. These catalytic preferences suggest the protein's involvement in the hydrolysis of specific nucleotide compounds, with a potential emphasis on cytidine monophosphate in cellular processes.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA