

Product datasheet for PH304265

NT5C (NM_014595) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NT5C MS Standard C13 and N15-labeled recombinant protein (NP_055410)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204265
Predicted MW:	23.4 kDa
Protein Sequence:	>RC204265 protein sequence Red=Cloning site Green=Tags(s) MARSVRVLVDMGVLADFEAGLLRGFRRRFPEEPHVPLEQRRGFLAREQYRALRPDLADKVASVYEAPGF FLDLEPIPGALDAVREMNDLPDTQVFICTSPLLKYHHCVGEKYRWEQHLGPQFVERIILTRDKTVVLGD LLIDDKD TVRQGEETPSWEHILFT CCHNRHLVLPPTRRRLLSWSDNWREILDSKRGAAQRE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_055410
RefSeq Size:	975
RefSeq ORF:	603
Synonyms:	cdN; DNT; dNT-1; DNT1; HEL74; P5N2; PN-I; PN-II; UMPH2
Locus ID:	30833
UniProt ID:	Q8TCD5 , V9HWF3



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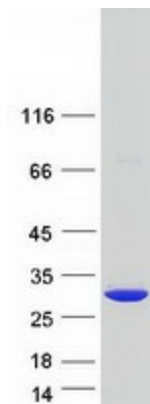
Cytogenetics: 17q25.1

Summary: This gene encodes a nucleotidase that catalyzes the dephosphorylation of the 5' deoxyribonucleotides (dNTP) and 2'(3')-dNTP and ribonucleotides, but not 5' ribonucleotides. Of the different forms of nucleotidases characterized, this enzyme is unique in its preference for 5'-dNTP. It may be one of the enzymes involved in regulating the size of dNTP pools in cells. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Nov 2011]

Protein Families: Transcription Factors

Protein Pathways: Metabolic pathways, Nicotinate and nicotinamide metabolism, Purine metabolism, Pyrimidine metabolism

Product images:



Coomassie blue staining of purified NT5C protein (Cat# [TP304265]). The protein was produced from HEK293T cells transfected with NT5C cDNA clone (Cat# [RC204265]) using MegaTran 2.0 (Cat# [TT210002]).