

Recombinant Human NT5C cell lysate

Cat. No. NT5C-1225HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	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; MIM 606224) and type II (UMPH2).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	NT5C 5, 3-nucleotidase, cytosolic [Homo sapiens]
Official Symbol	NT5C
Synonyms	NT5C; 5, 3-nucleotidase, cytosolic; 5 nucleotidase, deoxy (pyrimidine), cytosolic type C , UMPH2, uridine 5 prime monophosphate hydrolase 2; 5(3)-deoxyribonucleotidase, cytosolic type; cdN; DNT 1; dNT 1; DNT1; PN I; deoxy-5-

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	nucleotidase 1; cytosolic 5,3-pyrimidine nucleotidase; uridine 5-prime monophosphate hydrolase 2; uridine 5-monophosphate phosphohydrolase 2; 5 nucleotidase, deoxy (pyrimidine), cytosolic type C; DNT; P5N2; PN-I; PN-II; UMPH2; dNT-1;
Gene ID	30833
mRNA Refseq	NM_001252377
Protein Refseq	NP_001239306
MIM	191720
UniProt ID	Q8TCD5
Chromosome Location	17q25
Pathway	Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of nucleotides, organism-specific biosystem; Nicotinate and nicotinamide metabolism, organism-specific biosystem; Nicotinate and nicotinamide metabolism, conserved biosystem; Purine catabolism, organism-specific biosystem; Purine metabolism, organism-specific biosystem;
Function	5-nucleotidase activity; hydrolase activity; metal ion binding; nucleotidase activity; pyrimidine nucleotide binding;