

Recombinant Human NT5C2 protein, MYC/DDK-tagged

Cat. No. NT5C2-256H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human NT5C2, transcript variant 1, fused with MYC/DDK tag at C-terminal was expressed in HEK293 cells.

Species Human

Source HEK293

Description This gene encodes a hydrolase that serves as an important role in cellular purine metabolism by acting primarily on inosine 5'-monophosphate and other purine nucleotides.

Form 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Molecular Mass 64.8 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name NT5C2 5'-nucleotidase, cytosolic II [Homo sapiens]

Official Symbol NT5C2

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Synonyms	GMP; NT5B; PNT5; SPG45; SPG65; cN-II; cytosolic purine 5'-nucleotidase; 5'-nucleotidase (purine), cytosolic type B; IMP-specific 5'-NT; cytosolic 5'-nucleotidase II; purine 5' nucleotidase
Gene ID	22978
mRNA Refseq	NM_012229
Protein Refseq	NP_036361
MIM	600417
UniProt ID	P49902
Chromosome Location	10q24.32
Pathway	Abacavir metabolism, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Nicotinate and nicotinamide metabolism, conserved biosystem
Function	5'-nucleotidase activity; 5'-nucleotidase activity; nucleoside phosphotransferase activity

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