

# Recombinant Human NT5C2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NT5C2-6006H Lot. No. (See product label)

## SPECIFICATION

### Product Overview

NT5C2 MS Standard C13 and N15-labeled recombinant protein (NP\_001127845) with a C-terminal MYC/DDK tag, 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.

### Molecular Mass

65 kDa

### AA Sequence

MSTSWSDRLQNAADM PANMDKHALKKYRREAYHRVFNRS LAMEKIKCFGFDMDY  
 TLAVYKSPEYESLGFELTVRLV SIGYPQELLSFAYDSTFPTRGLVFD TLYGNLLKVD  
 AYG NLLVCAHGFNFIRGPETREQYPNKFIQRDDTERFYILNTL FNLPEYLLACL VDF  
 FTNCPRYTSCETGFKDGDLFMSYRSMFQDVRDAVDWVHYK GSLKEKTVENLEKYV  
 VKDGKLP LLLSRMKEVGVFLATNSDYKYTDKIMTYLFD FPHGPKPGSSHRPWQSY  
 FDLILVDARKPLFFGEGTVLRQVDTKTGKLGKIGTYTG PLQHGVYSGGSSDTICDLLG  
 AKGKDILYIGDHIFGDILKSKKRQGWRTFLVIP ELAQELHVWTDKSSLFEELQSLDIFL  
 AELYKHL DSSSNERPDISSIQRRIKKVTHDMDMCYGM MGS LFRSGSRQTLFASQVM  
 RYADLYAASF INLLYYPFSYLFRAAHV LMPHESTVEH THVDINEMESPLATRNRTSVD  
 FKDTDYKRHQLTRSISEIKPPNLFPLAPQEITHCHDEDDDEEEEEEEETRTRPLEQKLI

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SEEDLAANDILDYKDDDDKV

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

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** [NT5C2 5'-nucleotidase, cytosolic II \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [NT5C2](#)

**Synonyms** NT5C2; 5-nucleotidase, cytosolic II; 5 nucleotidase (purine), cytosolic type B, NT5B; cytosolic purine 5-nucleotidase; cN II; GMP; PNT5; purine 5 nucleotidase; IMP-specific 5-NT; cytosolic 5-nucleotidase II; 5-nucleotidase (purine), cytosolic type B; NT5B; cN-II;

**Gene ID** [22978](#)

**mRNA Refseq** [NM\\_001134373](#)

**Protein Refseq** [NP\\_001127845](#)

**MIM** [600417](#)

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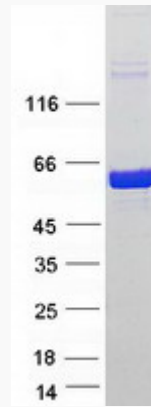
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UniProt ID

P49902

SDS-PAGE



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