

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

Cat. No. NT5C2-4117H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NT5C2 MS Standard C13 and N15-labeled recombinant protein (NP_036361) 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 PANMDKHALKKYRREAYHRVFNRLAMEKIKCFGFDM DY TLAVYKSPEYESLGFELTVERLV SIGYPQELLSFAYDSTFPTRGLVFD TLYGNLLKVD AYGNLLVCAHGFNFIRGPETREQYPNKF IQRDDTERFYILNTLFNLPETYLLACL VDF FTNCPRYTSCETGFKDGDLFMSYRSMFQDVRDAVDWVHYKGS LKEKTVENLEKYV VKDGKLP LLLSRMKEVGKVFLATNSDYKYTDKIMTYLFD FPHGPKPGSSHRPWQSY FDLILVDARKPLFFGEGTVLRQVD TKTGKLKIGTYTGPLQH GIVYSGGSSDTICDLLG AKGKDILYIGDHIFGDILKSKKRQGWRTFLVIP ELAQELHVWTDKSSLFEELQSLDIFL AELYKHLDSSSNERPDISSIQRR IKKVTHDMDMCYGMMSLFRSGSRQTLFASQVM RYADLYAASFINLLYYPFSYLFRAAHV LMPHESTVEH THVDINEMESPLATRNRTSVD FKD TDYKRHQLTRSISEIKPPNLFPLAPQEITHCHDEDDDEEEEEEEETRTRPLEQKLI

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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_012229
Protein Refseq	NP_036361
MIM	600417

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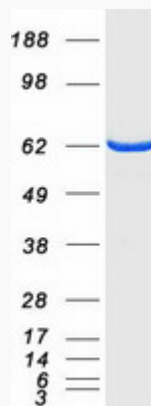
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UniProt ID

P49902

SDS-PAGE

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