

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	MSTSWSDRLQNAADMPANMDKHALKKYRREAYHRVFNRS LAMEKIKCFGFDMDY TLAVYKSPEYESLGFELTVERLVSIGYPQELLSFAYDSTFPTRGLVFD TLYGNLLKVD AYGNLLVCAHGFNFIRGPETREQYPNKFQRDDTERFYILNTL FNLPEYLLACLVD F FTNCPRYTSCETGFKDGDLFMSYRSMFQDVRDAVDWVHYK GSLKEKTVENLEKYV VKDGLPLLLSRMKEVGKVFLATNSDYKYTDKIMTYLFD FPHGPKPGSSHRPWQSY FDLILVDARKPLFFGEGTVLRQVDTKTGKLGKIGTYTG PLQHGIVYSGGSSDTICDLLG AKGKDILYIGDHIFGDILKSKKRQGWRTFLVIPELAQELH VVTDKSSLFEELQSLDIFL AELYKHL DSSSNERPDISSIQRRIKKVTHDMDMCYGM MGS LFRSGSRQTLFASQVM RYADLYAASFINLLYYPFSYLFRAAHV LMPHESTVEH THVDINEMESPLATRNRTSVD FKD TDYKRHQLTRSISEIKPPNLFPLAPQEITHCHDEDD DEEEEEEEETRTRPLEQKLI

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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_012229](#)

Protein Refseq [NP_036361](#)

MIM [600417](#)

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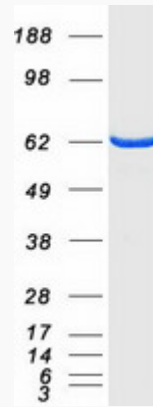
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UniProt ID

P49902

SDS-PAGE



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