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	MSTSWSDRLQNAADMPANMDKHALKKYRREAYHRVFVNRSLAMEKIKCFGFDMDY TLAVYKSPEYESLGFELTVERLVSIGYPQELLSFAYDSTFPTRGLVFDTLYGNLLKVD AYGNLLVCAHGFNFIRGPETREQYPNKFIQRDDTERFYILNTLFNLPETYLLACLVDF FTNCPRYTSCETGFKDGDLFMSYRSMFQDVRDAVDWVHYKGSLKEKTVENLEKYV VKDGKLPLLLSRMKEVGKVFLATNSDYKYTDKIMTYLFDFPHGPKPGSSHRPWQSY FDLILVDARKPLFFGEGTVLRQVDTKTGKLKIGTYTGPLQHGIVYSGGSSDTICDLLG AKGKDILYIGDHIFGDILKSKKRQGWRTFLVIPELAQELHVWTDKSSLFEELQSLDIFL AELYKHLDSSSNERPDISSIQRRIKKVTHDMDMCYGMMGSLFRSGSRQTLFASQVM RYADLYAASFINLLYYPFSYLFRAAHVLMPHESTVEHTHVDINEMESPLATRNRTSVD 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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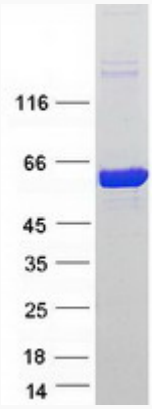
UniProt ID	P49902
SDS-PAGE	

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