

Recombinant Human NT5C2 protein, His-tagged

Cat. No. NT5C2-3473H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NT5C2 protein(209-561 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	209-561 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	<p>HYKGSLEKEKTVENLEKYVVKDGKLPLLLSRMKEVGKVFLATNSDYKYTDKIMTYLFD FPHGPKPGSSHRPWQSYFDLILVDARKPLFFGEGTVLRQVDTKTGKLGKIGTYTGPLQ HGIVYSSGGSSDTICDLLGAKGKDILYIGDHIFGDILKSKKRQGWRTFLVIPELAQELHV WTDKSSLFEELQSLDIFLAELYKHLDDSSNERPDISSIQRRIKKVTHDMDMCMYGMG SLFRSGSRQTLFASQVMRYADLYAASFINLLYYPFSYLFRAAHVLPHESTVEHETHV DINEMESPLATRNRTSVDFKDTDYKRHQLTRSISEIKPPNLFPLAPQEITHCHDEDDDD EEEEEEEE</p>
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	<p>Short-term storage: Store at 2-8°C for (1-2 weeks).</p> <p>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer</p>

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

NT5C2 5-nucleotidase, cytosolic II [Homo sapiens]

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

UniProt ID

P49902

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