

Recombinant Human NT5C3 protein, GST-tagged

Cat. No. NT5C3-1382H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NT5C3 protein(1-297 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-297 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MTNQESAVHVKMMPEFQKSSVRIKNPTRVEEIIICGLIKGGAAKLQIITDFDMTLSRFS YKGKRCPTCHNIIDNCKLVTDECRKKLLQLKEKYAIEVDPVLTVEEKYPYMVEWYT KSHGLLVQQALPKAKLKEIVAESDVMLKEGYENFFDKLQQHSIPVFIFSAGIGDVLEE VIRQAGVYHPNVKVVSNFMDFDETGVLGKFGELIHVFNKHDGALRNTEYFNQLKD NSNIILLGDSQGDLMADGVANVEHILKIGYLNDRVDELLEKYMDSYDIVLVQDESLE VANSILQKIL
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name NT5C3 5-nucleotidase, cytosolic III [Homo sapiens]

Official Symbol NT5C3

Synonyms

NT5C3; 5-nucleotidase, cytosolic III; cytosolic 5-nucleotidase 3; cN III; P5N 1; PN I; PSN1; UMPH; UMPH1; pyrimidine 5-nucleotidase 1; uridine 5-monophosphate hydrolase 1; p36; PN-I; P5N-1; cN-III; MGC27337; MGC87109; MGC87828;

Gene ID 51251

mRNA Refseq NM_001002009

Protein Refseq NP_001002009

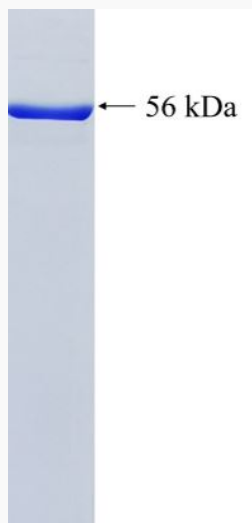
MIM 606224

UniProt ID Q9H0P0

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SDS-PAGE

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