Recombinant Human NT5C2 Protein (Mutant), N-6×His-tagged

Cat. No. NT5C2-2490HM **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NT5C2 Protein (Mutant) with N-6×His tag was expressed in E. coli.
Species	Human
Source	E.coli
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	~67.7 kDa, reducing conditions
AA Sequence	MGSSHHHHHHSSGLVPRGSHMSTSWSDRLQNAADMPANMDKHALKKYRREAYH RVFVNRSLAMEKIKCFGFDMDYTLAVYKSPEYESLGFELTVERLVSIGYPQELLSFAY DSTFPTRGLVFDTLYGNLLKVDAYGNLLVCAHGFNFIRGPETREQYPNKFIQRDDTE RFYILNTLANLPETYLLACLVDFFTNCPRYTSCETGFKDGDLFMSYRSMFQDVRDAV DWVHA KGSLKEKTVENLEKYVVKDGKLPLLLSRMKEVGKVFLATNSDYKYTDKIMT YLFDFPHGPKPGSSHRPWQSYFDLILVDARKPLFFGEGTVLRQVDTKTGKLKIGTYT GPLQHGIVYSGGSSDTICDLLGAKGKDILYIGDAAFGDILKSKKRQGWRTFLVIPELA QELHVWTDKSSLFEELQSLDIFLAELYKHLDSSSNERPDISSIQRRIKKVTHDMDMCY GMMGSLFRSGSRQTLFASQVMRYADLYAASFINLLYYPFSYLFRAAHVLMPHESTV EHTHVDINEMESPLATRNRTSVDFKDTDYKRHQLTRSISEIKPPNLFPLAPQEITHCH DEDDDEEEEEEEE

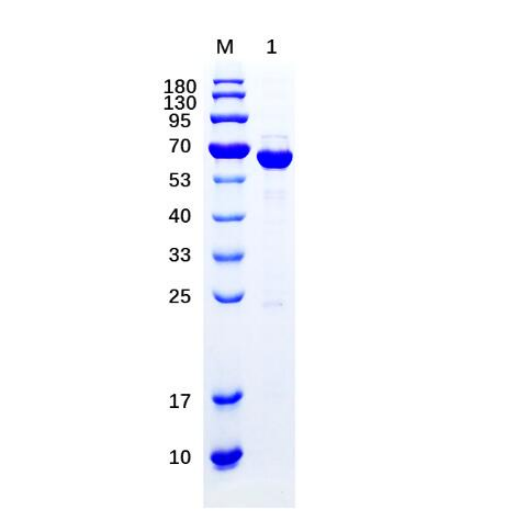
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 90 % by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.5 mg/mL
Storage Buffer	Supplied as a 0.2 μm filtered solution in 20mM Tris-HCl buffer (pH8.0) containing 30 % glycerol 0.1M NaCl, 1mM DTT, 0.1mM PMSF.

GENE INFORMATION

Gene Name	NT5C2 5'-nucleotidase, cytosolic II [Homo sapiens (human)]
Official Symbol	NT5C2
Synonyms	NT5C2; 5'-nucleotidase, cytosolic II; GMP; NT5B; PNT5; SPG45; SPG65; cN-II; cytosolic purine 5'-nucleotidase; 5'-nucleotidase (purine), cytosolic type B; IMP-specific 5'-NT; cytosolic IMP/GMP-specific 5'-nucleotidase; cytosolic nucleoside phosphotransferase 5'N; epididymis secretory sperm binding protein; high Km 5'-nucleotidase; spastic paraplegia 45 (autosomal recessive); EC 2.7.1.77; EC 3.1.3.5; EC 3.1.3.99
Gene ID	22978
mRNA Refseq	NM_012229
Protein Refseq	NP_036361
MIM	600417

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID	P49902
SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA