

## Product datasheet for **TP300194**

### NT5C2 (NM\_012229) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human 5'-nucleotidase, cytosolic II (NT5C2), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200194 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSTSWSDRLQNAADMPANMDKHALKKYRREAYHRVFNRLAMEKIKCFGFDMDYTLAVYKSPEYESLGF  
ELTVERLVSIGYPQELLSFAYDSTFPTRGLVFDTLYGNNLLKVDAYGNLLVCAHGFNFIRGPETREQYPNK  
FIQRDDTERFYILNTLFLNPETYLLACLVDFFTNCPRYTSCETGFKDGDLMFSYRSMFQDVRDAVDWVHY  
KGSLKEKTVENLEKYVVKDGLPLLLSRMKEVGKVFATNSDYKYTDKIMTYLFDFFHGPKPGSSHRPWQ  
SYFDLILVDARKPLFFGEGTVLRQVDTKGKLKIGTYTGPLQHGVYSGGSSDTICDLLGAKGKDILYIG  
DHIFGDILKSKKRQGWRTFLVIPELAQELHVWTDKSSLFEELQSLDIFLAELYKHLDSSSNERPDISSIQ  
RRIKKVTHDMDMCMYGMGSLFRSGSRQTLFASQVMRYADLYAASFINLLYPFSYLFRAAHVLMPHSTV  
EHTHVDINEMESPLATRNRTSVDFKDTDYKRHLQRSISEIKPPNLFPLAPQEITHCHDEDDDEEEEEEE  
E

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

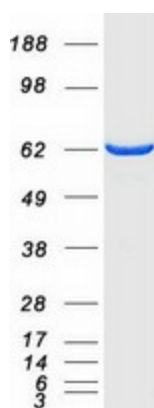
Tag:	C-Myc/DDK
Predicted MW:	64.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_036361</a>
<b>Locus ID:</b>	22978
<b>UniProt ID:</b>	<a href="#">P49902</a> , <a href="#">A0A384MED8</a>
<b>RefSeq Size:</b>	3551
<b>Cytogenetics:</b>	10q24.32-q24.33
<b>RefSeq ORF:</b>	1686
<b>Synonyms:</b>	cN-II; GMP; NT5B; PNT5; SPG45; SPG65
<b>Summary:</b>	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. [provided by RefSeq, Oct 2011]
<b>Protein Pathways:</b>	Metabolic pathways, Nicotinate and nicotinamide metabolism, Purine metabolism, Pyrimidine metabolism

### Product images:



Coomassie blue staining of purified NT5C2 protein (Cat# TP300194). The protein was produced from HEK293T cells transfected with NT5C2 cDNA clone (Cat# [RC200194]) using MegaTran 2.0 (Cat# [TT210002]).