

Product datasheet for **TP508873**

Nt5c2 (NM_029810) Mouse Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse 5'-nucleotidase, cytosolic II (Nt5c2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR208873 protein sequence Red=Cloning site Green=Tags(s) |

MTTWSWDRQLQNAADV PANMDKHALKKYRREAYHRVFNRS LAMEKIKCFGFDMDYTLAVYKSPEYESLGF
ELTVERLVSIGYPQELLSFAYDSTFPTRGLVFD TLYGNLLKVDAYGNLLVCAHG FNFIRGPETREQYPNK
FIQRDDTERFYILNTL FNLPEYLLACLVDFF TNCPRYTSCDTGFKDGD LFMYSRSMFQDVRDAVDWVHY
KGS LKEKTVENLEKYVVKDGKLP LLSRMKEVGKVFLATNSDYKYTDKIMTYLFD FPHGPKPGSSHRPWQ
SYFDLILVDARKPLFFGEGTVLRQVDTKTG KLGKIGTYTGPLQH GIVYSGGSSDTICDLLGAKGKDILYIG
DHIFGDILKSKKRQGWRTFLVIP ELAQELHWTDKSS LFEELQSLDIFLAELYKHL DSSSNERPDISSIQ
RRIKKVTHDMDMCYGMMSLFRSGSRQTLFASQVMRYADLYAASFINLLYYPFSYLFRAAHV LMPHESTV
EHTHVDINEMESPLATRNRTSVDFKDTDYKRHQLTRSISEVKPPDLFPLAPQEITHCHD EDDDEEEEEEE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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| 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 |
| 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 after receiving vials. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_084086 |



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|---------------|---|
| Locus ID: | 76952 |
| UniProt ID: | Q3V1L4 |
| RefSeq Size: | 3769 |
| Cytogenetics: | 19 C3 |
| RefSeq ORF: | 1683 |
| Synonyms: | 2010002I23Rik; cN-II; CnII; ENSMUSG00000025039; Gm9751; Gmp; Nt5b; Pnt5 |
| Summary: | May have a critical role in the maintenance of a constant composition of intracellular purine/pyrimidine nucleotides in cooperation with other nucleotidases. Preferentially hydrolyzes inosine 5'-monophosphate (IMP) and other purine nucleotides (By similarity). [UniProtKB/Swiss-Prot Function] |