

## Recombinant Mouse Nt5c2 Protein, Myc/DDK-tagged

Cat. No. Nt5c2-4515M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length 5'-nucleotidase, cytosolic II (Nt5c2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	64.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<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>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Nt5c2 5'-nucleotidase, cytosolic II [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Nt5c2
<b>Synonyms</b>	NT5C2; 5-nucleotidase, cytosolic II; cytosolic purine 5-nucleotidase; cytosolic 5-nucleotidase II; Gmp; Cnll; Nt5b; Pnt5; cN-II; Gm9751; 2010002I23Rik; ENSMUSG00000025039
<b>Gene ID</b>	76952
<b>mRNA Refseq</b>	NM_029810
<b>Protein Refseq</b>	NP_084086
<b>UniProt ID</b>	Q3V1L4

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