

Recombinant Mouse Nt5c3b Protein, Myc/DDK-tagged

Cat. No. Nt5c3b-4516M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length 5'-nucleotidase, cytosolic III-like (cDNA clone MGC:19356 IMAGE:4239117), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Specifically hydrolyzes 7-methylguanosine monophosphate (m7GMP) to 7-methylguanosine and inorganic phosphate. The specific activity for m7GMP may protect cells against undesired salvage of m7GMP and its incorporation into nucleic acids. Also has weak activity for CMP. UMP and purine nucleotides are poor substrates.
Molecular Mass	29.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Nt5c3b 5'-nucleotidase, cytosolic IIIB \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Nt5c3b](#)

Synonyms Nt5c3b; 5'-nucleotidase, cytosolic IIIB; Nt5c; Nt5c3l; AI841843; 2610037D24Rik; C330027I04Rik; 7-methylguanosine phosphate-specific 5'-nucleotidase; 5'-nucleotidase, cytosolic III-like; 7-methylguanosine nucleotidase; N(7)-methylguanylate 5'-phosphatase; cN-III-like protein; cytosolic 5'-nucleotidase 3B; cytosolic 5'-nucleotidase III-like protein; EC 3.1.3.5; EC 3.1.3.91

Gene ID [68106](#)

mRNA Refseq [NM_026561](#)

Protein Refseq [NP_080837](#)

UniProt ID [Q3UFY7](#)

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