Recombinant Mouse Nt5c1a Protein, Myc/DDK-tagged

Cat. No. Nt5c1a-4514M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length 5'-nucleotidase, cytosolic IA (Nt5c1a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Dephosphorylates the 5' and 2'(3')-phosphates of deoxyribonucleotides and has a broad substrate specificity. Helps to regulate adenosine levels in heart during ischemia and hypoxia.
Molecular Mass	41.1 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Nt5c1a 5'-nucleotidase, cytosolic IA [Mus musculus (house mouse)]
Official Symbol	Nt5c1a
Synonyms	NT5C1A; 5-nucleotidase, cytosolic IA; cytosolic 5-nucleotidase 1A; cN-IA; cytosolic 5-nucleotidase IA; cytosolic 5 nucleotidase, type 1A; Cn1a; Gm49
Gene ID	230718
mRNA Refseq	NM_001085502
Protein Refseq	NP_001078971
UniProt ID	A3KFX0

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