

Recombinant Human NT5M Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NT5M-4489H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NT5M MS Standard C13 and N15-labeled recombinant protein (NP_064586) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a 5' nucleotidase that localizes to the mitochondrial matrix. This enzyme dephosphorylates the 5'- and 2'(3')-phosphates of uracil and thymine deoxyribonucleotides. The gene is located within the Smith-Magenis syndrome region on chromosome 17.
Molecular Mass	25.9 kDa
AA Sequence	MIRLGWCARRLCSSAAVPAGRRGAAGGLGLAGGRALRVLVDMDGVLADFEGGFLR KFRARFPDQPFIALEDRRGFVWSEQYGRRLRPLSEKAISIWESKNFFFELEPLPGAV EAVKEMASLQNTDVFICTSPIKMFKYCPYEKYAWVEKYFGPDFLEQIVLTRDKTVVS ADLLIDDRPDITGAEPTPSWEHVLFTACHNQHLQLQPPRRRLHSWADDWKAILDSK RPCTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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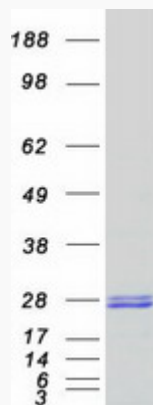
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	NT5M 5',3'-nucleotidase, mitochondrial [Homo sapiens (human)]
Official Symbol	NT5M
Synonyms	NT5M; 5,3-nucleotidase, mitochondrial; 5 nucleotidase, mitochondrial; 5(3)-deoxyribonucleotidase, mitochondrial; dNT 2; dNT2; mdN; deoxy-5-nucleotidase 2; 5(3)-deoxyribonucleotidase; mitochondrial 5 nucleotidase; dNT-2;
Gene ID	56953
mRNA Refseq	NM_020201
Protein Refseq	NP_064586
MIM	605292
UniProt ID	Q9NPB1

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SDS-PAGE

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