

# Recombinant Full Length Human NT5C1A Protein, C-Flag-tagged

**Cat. No.** NT5C1A-46HFL    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human NT5C1A Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	Cytosolic nucleotidases, such as NT5C1A, dephosphorylate nucleoside monophosphates.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	40.8 kDa
<b>AA Sequence</b>	MEPGQPREPQEPREPGPGAETAAPVWEEAKIFYDNLAPKKKPKSPKPQNAVITIAV SSRALFRMDEEQQI YTEQGVVEEYVRYQLEHENEPFSPGPAFPFVKALEAVNRRLLRE LYPDSDEVDFIVLMTNNHAQVGVRLINS INHYDLFIERFCMTGGNSPICYLKAYHTNL YLSADAEKVREAIDEGIAAATIFSPSRDVVVVSQSQLRVAF DGDAVLFSDESERIVKAH GLDRFFEHEKAHENKPLAQGPLKGFLEALGRLQKKFYKGLRLECPITYLV TARSA ASSGARALKTLRSWGLETDEALFLAGAPKGPLLEKIRPHIFFDDQMFHVAGAQMGT VAAHVPYG VAQTPRRTAPAKQAPSAQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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<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.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Protein Pathways</b>	Metabolic pathways, Nicotinate and nicotinamide metabolism, Purine metabolism, Pyrimidine metabolism
<b>Full Length</b>	Full L.

## GENE INFORMATION

<b>Gene Name</b>	NT5C1A 5'-nucleotidase, cytosolic IA [ Homo sapiens (human) ]
<b>Official Symbol</b>	NT5C1A
<b>Synonyms</b>	CN1; CNI; CN-I; CN1A; CN-IA
<b>Gene ID</b>	84618
<b>mRNA Refseq</b>	NM_032526.3
<b>Protein Refseq</b>	NP_115915.1
<b>MIM</b>	610525

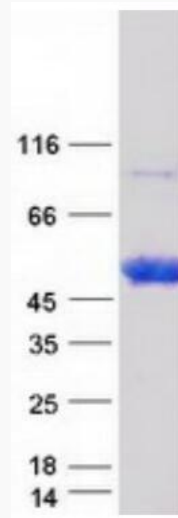
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UniProt ID

Q9BXI3



Coomassie blue staining of purified NT5C1A protein.

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