Recombinant Human NT5C1A Protein (1-368 aa), His-tagged

Cat. No. NT5C1A-1710H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NT5C1A Protein (1-368 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cardiovascular. Protein Description: Full Length.
Species	Human
Source	Yeast
ProteinLength	1-368 aa
Description	Dephosphorylates the 5' and 2'(3')-phosphates of deoxyribonucleotides and has a broad substrate specificity. Helps to regulate adenosine levels in heart during ischia and hypoxia.
Form	Tris-based buffer,50% glycerol
Molecular Mass	43.0 kDa
AA Sequence	MEPGQPREPQEPREPGPGAETAAAPVWEEAKIFYDNLAPKKKPKSPKPQNAVTIAV SSRALFRMDEEQQIYTEQGVEEYVRYQLEHENEPFSPGPAFPFVKALEAVNRRLRE LYPDSEDVFDIVLMTNNHAQVGVRLINSINHYDLFIERFCMTGGNSPICYLKAYHTNL YLSADAEKVREAIDEGIAAATIFSPSRDVVVSQSQLRVAFDGDAVLFSDESERIVKAH GLDRFFEHEKAHENKPLAQGPLKGFLEALGRLQKKFYSKGLRLECPIRTYLVTARSA ASSGARALKTLRSWGLETDEALFLAGAPKGPLLEKIRPHIFFDDQMFHVAGAQEMGT VAAHVPYGVAQTPRRTAPAKQAPSAQ

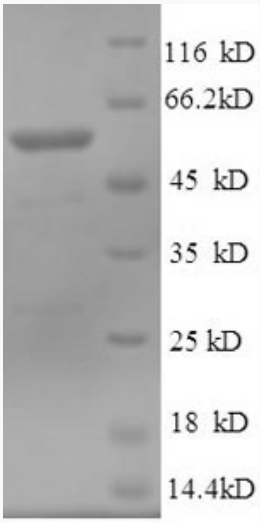
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45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	NT5C1A 5-nucleotidase, cytosolic IA [Homo sapiens]
Official Symbol	NT5C1A
Synonyms	NT5C1A; CN I; CN IA; CN1; CN1A; MGC119199; MGC119201; CN-I; CN-IA;
Gene ID	84618
mRNA Refseq	NM_032526
Protein Refseq	NP_115915
MIM	610525
UniProt ID	Q9BXI3

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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