



Recombinant Human NT5C1A Protein Product Manual

1. Product Basic Information

Product No.: REP07648

Protein Name: Amp-Specific 5'-Nt (NT5C1A)

Aliases: CN1; CNI; CN-CN1A; CN-IA; AMP-specific 5'-NT; 5'-deoxynucleotidase; cytosolic 5'-nucleotidase 1A; cytosolic 5'-nucleotidase IA; 5'-nucleotidase, cytosolic IA; cytosolic 5' nucleotidase, type 1A

UniProt ID: Q9BXI3

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9BXI3/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Full Length (1-368aa)

Molecular Weight: 43.0kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-368aa)

MEPGQPREPQEPREPGPGAETAAAPVWEEAKIFYDNLAPKKKPKSPKPQNAVTIAV
SSRALFRMDEEQQIYTEQGVVEEYVRYQLEHENEPFSPGPAFPFVKALEAVNRRLRE
LYPDSEDFVDFIVLMTNNHAQVGVRILINSINHYDLFIERFCMTGGNSPICYLKAYHTNL
YLSADAQKVRERIDEAIAAATIFSPSRDVVVSQSQLRVAFDGDVLFSDSERIVKAH
GLDRFFEHEKAHENKPLAQGPLKGFLEALGRLQKKFYSGKLRLECPITYLVTARSA
ASSGARALKTLRSWGLETDEALFLAGAPKGPLLEKIRPHIFFDDQMFHVAGAQUEMG
TVAAHVPYGVQAQTPRRTAPAKQAPSAQ

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.



4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human NT5C1A full length protein (1-368aa) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. NT5C1A, also known as CN1 or CNI or CN-CN1A, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.