

## Recombinant Human NT5C3 protein

Cat. No. NT5C3-7371H    Lot. No. (See product label)

### SPECIFICATION

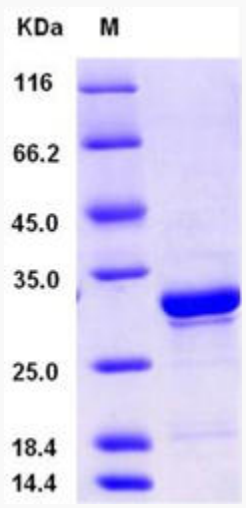
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|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NT5C3 protein(NP_001002010) (Met 12-Leu 297) was expressed in E.coli.                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                               |
| <b>ProteinLength</b>    | 12-297 aa                                                                                                                                                                            |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                |
| <b>Molecular Mass</b>   | The recombinant human NT5C3 consists of 286 amino acids and predicts a molecular mass of 32.7KDa. It migrates as an approximately 32 KDa band in SDS-PAGE under reducing conditions. |
| <b>Purity</b>           | > 92 % as determined by SDS-PAGE                                                                                                                                                     |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.        |

### GENE INFORMATION

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|                        |                                                                                                                                                                                                                                     |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | NT5C3 5-nucleotidase, cytosolic III [ Homo sapiens ]                                                                                                                                                                                |
| <b>Official Symbol</b> | NT5C3                                                                                                                                                                                                                               |
| <b>Synonyms</b>        | NT5C3; 5-nucleotidase, cytosolic III; cytosolic 5-nucleotidase 3; cN III; P5N 1; PN I; PSN1; UMPH; UMPH1; pyrimidine 5-nucleotidase 1; uridine 5-monophosphate hydrolase 1; p36; PN-I; P5N-1; cN-III; MGC27337; MGC87109; MGC87828; |
| <b>Gene ID</b>         | 51251                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>     | NM_001002009                                                                                                                                                                                                                        |
| <b>Protein Refseq</b>  | NP_001002009                                                                                                                                                                                                                        |
| <b>MIM</b>             | 606224                                                                                                                                                                                                                              |
| <b>UniProt ID</b>      | Q9H0P0                                                                                                                                                                                                                              |
| <b>SDS-PAGE</b>        |                                                                                                                                                 |