

Recombinant Rat Nt5e, His tagged

Cat. No. Nt5e-34R **Lot. No.** (See product label)

SPECIFICATION

| | |
|-----------------------------|--|
| Product Overview | Recombinant Rat Nt5e (Q66HL0) (Met1-Lys549), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells. |
| Species | Rat |
| Source | Human Cells |
| ProteinLength | 1-549 a.a. |
| Predicted N Terminal | Trp 29 |
| Form | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. |
| Molecular Mass | The recombinant rat NT5E comprises 532 amino acids and predicts a molecular mass of 59.4 kDa. The apparent molecular mass of the recombinant protein is approximately 59 kDa in SDS-PAGE under reducing conditions due to glycosylation. |
| Endotoxin | < 1.0 eu per µg of the protein as determined by the LAL method. |
| Purity | >90 % as determined by SDS-PAGE |
| Stability | Samples are stable for up to twelve months from date of receipt at -70oC. |
| Storage | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein |

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Nt5e 5 nucleotidase, ecto \[Rattus norvegicus \]](#)

Official Symbol [Nt5e](#)

Gene ID [58813](#)

mRNA Refseq [NM_021576](#)

Protein Refseq [NP_067587](#)

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