

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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