

Recombinant Rat Npc2 protein, His-tagged

Cat. No. Npc2-48R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Npc2(Met1-Gly152) fused with His tag at C-terminal was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	1-152 a.a.
Description	Niemann-Pick disease, type C2 played an important role in many functions.
Predicted N Terminal	Glu 23
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant rat Npc2 consists 141 amino acids and predicts a molecular mass of 15.9 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is

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recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name [Npc2 Niemann-Pick disease, type C2 \[Rattus norvegicus \]](#)

Official Symbol [Npc2](#)

Synonyms NPC2; Niemann-Pick disease, type C2; epididymal secretory protein E1; Niemann Pick type C2; epididymal secretory protein 1; re1;

Gene ID [286898](#)

mRNA Refseq [NM_173118](#)

Protein Refseq [NP_775141](#)

MIM

UniProt ID

Chromosome Location 6q31

Pathway Lysosome, organism-specific biosystem; Lysosome, conserved biosystem;

Function cholesterol binding; cholesterol binding; enzyme binding; enzyme binding; molecular_function;

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