

## Recombinant Human NPC2, His-tagged

Cat. No. NPC2-349H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	A DNA sequence encoding the human NPC2 (NP_006423.1) (Met1-Leu151) was expressed with a polyhistidine tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	Met1-Leu151
<b>Form</b>	Lyophilized from sterile PBS, pH7.4.
<b>Molecular Mass</b>	The recombinant human NPC2 consists of 143 amino acids and predicts a molecular mass of 16 KDa. It migrates as an approximately 18-24 KDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C
<b>Storage</b>	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Hardcopy of COA with reconstitution instruction is sent along with the products.

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**GENE INFORMATION**

<b>Gene Name</b>	NPC2 Niemann-Pick disease, type C2 [ Homo sapiens ]
<b>Official Symbol</b>	NPC2
<b>Synonyms</b>	NPC2; Niemann-Pick disease, type C2; epididymal secretory protein E1; EDDM1; epididymal protein 1; HE1; NP C2; tissue-specific secretory protein; human epididymis-specific protein 1; niemann-Pick disease type C2 protein; MGC1333;
<b>Gene ID</b>	10577
<b>mRNA Refseq</b>	NM_006432
<b>Protein Refseq</b>	NP_006423
<b>MIM</b>	601015
<b>UniProt ID</b>	P61916
<b>Chromosome Location</b>	14q24.3
<b>Pathway</b>	Lysosome, organism-specific biosystem; Lysosome, conserved biosystem;
<b>Function</b>	cholesterol binding; enzyme binding;

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