

Recombinant Human NPC1 protein, His/FLAG-tagged

Cat. No. NPC1-1339H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NPC1(Arg372-Phe622) fused with His/FLAG tag at N-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Arg372-Phe622
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, pH 7.4.1. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.2. Please contact us for any concerns or special requirements.
Molecular Mass	The recombinant human NPC1 consists 278 amino acids and predicts a molecular mass of 32 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.

Reconstitution

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

Shipping

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name

NPC1 Niemann-Pick disease, type C1 [Homo sapiens]

Official Symbol

NPC1

Synonyms

NPC1; Niemann-Pick disease, type C1; Niemann-Pick C1 protein; NPC; FLJ98532;

Gene ID

4864

mRNA Refseq

NM_000271

Protein Refseq

NP_000262

MIM

607623

UniProt ID

O15118

**Chromosome
Location**

18q11-q12

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Pathway	Lysosome, organism-specific biosystem; Lysosome, conserved biosystem;
Function	hedgehog receptor activity; protein binding; receptor activity; sterol transporter activity; transmembrane signaling receptor activity;

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