

Recombinant Full Length Human NPC2 Protein, GST-tagged

Cat. No. NPC2-6611HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NPC2 full-length ORF (AAH02532, 1 a.a. - 151 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	151 amino acids
Description	This gene encodes a protein containing a lipid recognition domain. The encoded protein may function in regulating the transport of cholesterol through the late endosomal/lysosomal system. Mutations in this gene have been associated with Niemann-Pick disease, type C2 and frontal lobe atrophy. [provided by RefSeq]
Molecular Mass	42.35 kDa
AA Sequence	MRFLAATFLLLALSTAAQAEPVQFKDCGSVDGVIKEVNVSPCPTQPCQLSKGQSYS VNVTFSTNIQSKSSKAVVHGILMGVPVPFPIPEPDGCKSGINCPIQKDKTYSYLNKLP VKSEYPSIKLVVEWQLQDDKNQSLFCWEIPVQIVSHL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	NPC2 Niemann-Pick disease, type C2 [Homo sapiens]
Official Symbol	NPC2
Synonyms	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;
Gene ID	10577
mRNA Refseq	NM_006432
Protein Refseq	NP_006423
MIM	601015
UniProt ID	P61916

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