

# Recombinant Full Length Human NPC2 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human NPC2 full-length ORF ( AAH02532, 1 a.a. - 151 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	151 amino acids
<b>Description</b>	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
<b>Molecular Mass</b>	42.35 kDa
<b>AA Sequence</b>	MRFLAATFLLLALSTAAQAEPVQFKDCGSVDGVIKEVNVSPCPTQPCQLSKGQSYS VNVTFSTNIQSKSSKAVVHGILMGVPVPFPIPEPDGCKSGINCPIQKDKTYSYLNKLP VKSEYPSIKLVVEWQLQDDKNQSLFCWEIPVQIVSHL
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

## 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

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