



# Human NPC2 peptide (DAG-P0979)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen 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, Jul 2008]
<b>Specificity</b>	Epididymis.
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Belongs to the NPC2 family.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">NPC2 Niemann-Pick disease, type C2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	NPC2
<b>Synonyms</b>	NPC2; Niemann-Pick disease, type C2; HE1; EDDM1; epididymal secretory protein E1; epididymal protein 1; tissue-specific secretory protein; human epididymis-specific protein 1; Niemann-Pick disease type C2 protein;
<b>Entrez Gene ID</b>	<a href="#">10577</a>

<b>mRNA Refseq</b>	<a href="#">NM_006432.3</a>
<b>Protein Refseq</b>	<a href="#">NP_006423.1</a>
<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; protein binding;