

Recombinant Human NPC2 Protein

Cat. No. NPC2-826H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NPC2 protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	151
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.
Form	Lyophilized
Molecular Mass	16.5 kDa
AA Sequence	MRFLAATFLLLALSTAAQAEPVQFKDCGSVDGVIKEVNVSPCPTQPCQLSKGQSYS VNVTFSTNIQSKSSKAVVHGILMGVPVPFPIPEPDGCKSGINCPIQKDKTYSYLNKLP VKSEYPSIKLVVEWQLQDDKNQSLFCWEIPVQIVSHL
Purity	> 98%
Applications	Migration Assay; WB; ELISA;

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Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution (reconst).
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	NPC2 Niemann-Pick disease, type C2 [Homo sapiens (human)]
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

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MIM	601015
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UniProt ID	P61916
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