



Recombinant Human Epididymal secretory protein E1 (NPC2)

Product Code	CSB-EP015976HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P61916
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	E PVQFKDCGSV DGVIKEVNVS PCPTQPCQLS KGQSYSVNVF FTSNIQSKSS KAVVHGILMG VPPFPIPEP DGCKSGINCP IQKDKTYSYL NKLPVKSEYP SIKLVVEWQL QDDKNQSLFC WEIPVQIVSH L
Source	E.coli
Target Names	NPC2
Protein Names	Recommended name: Epididymal secretory protein E1 Alternative name(s): Human epididymis-specific protein 1 Short name= He1 Niemann-Pick disease type C2 protein
Expression Region	20-151
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.