

Recombinant Dog NPC2 protein, His-SUMO-tagged

Cat. No. NPC2-4457D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog NPC2 protein(Q28895)(22-149aa), fused to N-terminal His-SUMO tag, was expressed in E. coli
Species	Dog
Source	E.coli
ProteinLength	22-149aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	30 kDa
AA Sequence	VHFKDCGSAGVVIKELNVNPCPAQPCKLHKGQSYSVNVTFTSNIPSQSSKAVVHGIV LGVAVPFPIPEADGCKSGINCPIQKDKTYSYLNKLPVKNEYPSIKLVVQWMLLGDNN QHLFCWEIPVQIEG
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

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%.

GENE INFORMATION

Gene Name	NPC2 Niemann-Pick disease, type C2 [<i>Canis lupus familiaris</i>]
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Official Symbol	NPC2
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Synonyms	NPC2; Niemann-Pick disease, type C2; epididymal secretory protein E1; niemann Pick type C2 protein homolog; CE1;
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Gene ID	403920
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mRNA Refseq	NM_001003242
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Protein Refseq	NP_001003242
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