

Recombinant Human CNPY2 protein, GST-tagged

Cat. No. CNPY2-11403H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNPY2 protein(1-182 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-182 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MKGWGWLALLLGALLGTAWARRSQDLHCGACRALVDELEWEIAQVDPKKTIQMGS FRINPDGSQSVVEVPYARSEAHLTELEEICDRMKEYGEQIDPSTHRKNYVRVVG RN GESSELDLQGIRIDSDISGTLKFACESIVEEYEDELIEFFSREADNVKDKLCSKRTDLC DHALHISHDEL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 12 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name CNPY2 canopy 2 homolog (zebrafish) [Homo sapiens]

Official Symbol CNPY2

Synonyms CNPY2; canopy 2 homolog (zebrafish); TMEM4, transmembrane protein 4; protein canopy homolog 2; Cnpy2; HP10390; ZSIG9; transmembrane protein 4; putative secreted protein Zsig9; MIR-interacting saposin-like protein; MSAP; TMEM4;

Gene ID 10330

mRNA Refseq NM_001190991

Protein Refseq NP_001177920

MIM 605861

UniProt ID Q9Y2B0

SDS-PAGE

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