

# Recombinant Human canopy FGF signaling regulator 1, His-tagged

**Cat. No.** CNPY1-469H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	CNPY1, 1-92aa Human, His tag, E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-92 a.a.
<b>Description</b>	CNPY1 is expressed in the midbrain-hindbrain (MHB) boundary in zebrafish, binds FGFR1, and plays a role in FGF signaling. Recombinant human CNPY1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
<b>Molecular Mass</b>	13.3 kDa (115aa) confirmed by MALDI-TOF
<b>AA Sequence</b>	MGSSHHHHHH SGLVPRGSH MGSMNDYKLE EDPVTKERTF KRFAPRKGDK IYQEFKKLYF YSDAYRPLKF ACETIIIEEYE DEISSLIAQE THYLADKLCS EKSDLCETSA NHTEL
<b>Purity</b>	>90% by SDS - PAGE

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<b>Storage</b>	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
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<b>Concentration</b>	0.5 mg/ml (determined by Bradford assay)
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## GENE INFORMATION

<b>Gene Name</b>	CNPY1 canopy 1 homolog (zebrafish) [ Homo sapiens ]
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<b>Official Symbol</b>	CNPY1
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<b>Gene ID</b>	285888
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<b>mRNA Refseq</b>	NM_001103176.1
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<b>Protein Refseq</b>	NP_001096646.1
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<b>MIM</b>	612493
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<b>UniProt ID</b>	Q3B7I2
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<b>Chromosome Location</b>	7q36.3
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