

Recombinant Human canopy FGF signaling regulator 1, His-tagged

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

SPECIFICATION

Product Overview	CNPY1, 1-92aa Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-92 a.a.
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	13.3 kDa (115aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMNDYKLE EDPVTKERTF KRFAPRKGDK IYQEFKKLYF YSDAYRPLKF ACETIIIEYE DEISSLIAQE THYLADKLCS EKSDLCETSA NHTEL
Purity	>90% by SDS - PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	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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Concentration	0.5 mg/ml (determined by Bradford assay)
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GENE INFORMATION

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