

**CNPY1, 1-92aa Human, His tag, E.coli**

**Cat.NO.: TP01666**

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3th Edition

**Synonyms:**Canopy 1 homolog, Protein canopy homolog 1

**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 Weight:**13.3 kDa (115aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMNDYKLEEDPVTKERTFKRFAPRKGDKIYQEFKKLYFYSDAYRPLKFACETII  
EEYEDEISSLIAQETHYLADKLCSEKSDLCETSANHTEL

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.