

Recombinant Human CNPY1, His-tagged

Cat. No. CNPY1-5070H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human CNPY1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	CNPY1 is expressed in the midbrain-hindbrain (MHB) boundary in zebrafish, binds FGFR1, and plays a role in FGF signaling.
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
Applications	SDS-PAGE
Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. Avoid repeated freezing and thawing

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cycles.

Concentration 0.5 mg/ml (determined by Bradford assay)**GENE INFORMATION****Gene Name** CNPY1 canopy FGF signaling regulator 1 [Homo sapiens (human)]**Official Symbol** CNPY1**Synonyms** CNPY1;protein canopy homolog 1;canopy 1 homolog**Gene ID** 285888**mRNA Refseq** NM_001103176.1**Protein Refseq** NP_001096646.1**MIM** 612493**UniProt ID** Q3B7I2**Chromosome
Location** 7q36.3 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