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 ACETIIEEYE 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

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