

# Recombinant Full Length Human CNPY1 Protein, GST-tagged

**Cat. No.** CNPY1-1916HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CNPY1 full-length ORF (1 a.a. - 92 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	92 amino acids
<b>Description</b>	Cnpy1 is expressed in the midbrain-hindbrain (MHB) boundary in zebrafish, binds FGFR1 (MIM 136350), and plays a role in FGF signaling (Hirate and Okamoto, 2006 [PubMed 16488878]).[supplied by OMIM, Dec 2008]
<b>Molecular Mass</b>	36.52 kDa
<b>AA Sequence</b>	MNDYKLEEDPVTKERTFKRFAPRKGDKIYQEFKKLYFYSDAYRPLKFACETIIIEEYED EISSLIAQETHYLADKLCSEKSDLCETSANHTEL
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.

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**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** CNPY1 canopy 1 homolog (zebrafish) [ Homo sapiens ]

**Official Symbol** CNPY1

**Synonyms** CNPY1; canopy 1 homolog (zebrafish); Canopy FGF Signaling Regulator 1; Canopy 1 Homolog (Zebrafish)

**Gene ID** 285888

**mRNA Refseq** NM\_001103176.1

**Protein Refseq** NP\_001096646.1

**MIM** 612493

**UniProt ID** Q3B7I2

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