

Full-Length

## CNPY1 (Human) Recombinant Protein (P01)

Catalog # H00285888-P01

Size 50 ug

### Specification

Product Description	Human CNPY1 full-length ORF (1 a.a. - 92 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MNDYKLEEDPVTKERTFKRFAPRKGDKIYQEFKKLYFYSDAYRPLKFACETIIIEYEDEISLIAQET HYLADKLCSEKSDLCETSANHTEL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Preparation Method	<a href="#">in vitro wheat germ expression system</a>
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

### Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

### Gene Info — CNPY1

<b>Entrez GeneID</b>	<a href="#">285888</a>
<b>GeneBank Accession#</b>	<a href="#">AK094445.1</a>
<b>Gene Name</b>	CNPY1
<b>Gene Alias</b>	MGC125606
<b>Gene Description</b>	canopy 1 homolog (zebrafish)
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</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]
<b>Other Designations</b>	canopy 1 homolog