

## Recombinant Human CNPY2 protein, His & T7-tagged

**Cat. No.** CNPY2-1419H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CNPY2 aa. (Arg21~Leu182 (Accession # Q9Y2B0)) fused with N-terminal His & T7 tag was produced in E. coli cells.                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Arg21~Leu182                                                                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 22.1kDa                                                                                                                                                                                                                                                                                                   |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                                                                                                                                                                            |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at                                                                                                                                                                                                                                               |

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-80°C for 12 months.

**Storage buffer**

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

**Reconstitution**

Reconstitute in sterile ddH<sub>2</sub>O.

**Isoelectric Point**

5.4

## GENE INFORMATION

**Gene Name**

CNPY2 canopy FGF signaling regulator 2 [ Homo sapiens (human) ]

**Official Symbol**

CNPY2

**Synonyms**

CNPY2; canopy FGF signaling regulator 2; MSAP; TMEM4; ZSIG9; HP10390; protein canopy homolog 2; MIR-interacting saposin-like protein; putative secreted protein Zsig9; transmembrane protein 4

**Gene ID**

10330

**mRNA Refseq**

NM\_001190991.2

**Protein Refseq**

NP\_001177920.1

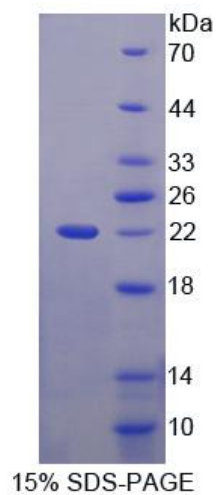
**UniProt ID**

Q9Y2B0

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**SDS-PAGE**

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