

# Recombinant Human CPNE5 protein, His-tagged

**Cat. No.** CPNE5-2477H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CPNE5 protein(15-301 aa), fused to His tag, was expressed in E. coli.                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 15-301 aa                                                                                                                                                                                                                                                                                                       |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.                             |
| <b>AA Sequence</b>      | LSFAVESECTFLDYIKGGTQINFTVAIDFTASNGNPSQSTSLHYMSPYQLNAYALALT<br>AVGEIIQHYDSDKMFALGFAGAKLPPDGRVSHEFPLNGNQENPSCCGIDGILEAYHR<br>SLRTVQLYGPTNFAPVVTHVARNAAAVQDGSQYSVLLIITDGVISDMAQTKEAIVNAA<br>KLPMIIIIVGVGQAEFDAMVELDGDVRISSRGKLAERDIVQFVPFRDYVDRTGNHVL<br>SMARLARDVLAIEIPDQLVSYMKAQGIRPRPPPAAPTHSPSQSPARTPPASPLHTHI |
| <b>Purity</b>           | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.                                                                            |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

**GENE INFORMATION**

|                 |                                         |
|-----------------|-----------------------------------------|
| Gene Name       | CPNE5 copine V [ Homo sapiens ]         |
| Official Symbol | CPNE5                                   |
| Synonyms        | CPNE5; copine V; COPN5; CPN5; KIAA1599; |
| Gene ID         | 8901                                    |
| MIM             | 604209                                  |
| UniProt ID      | Q9HCH3                                  |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA