

## Recombinant Human CKAP4 Protein, His-tagged

**Cat. No.** CKAP4-790H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CKAP4 Protein (His128-Val602) with His tag was expressed in E. coli.                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | His128-Val602                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | Enables RNA binding activity. Located in several cellular components, including lipid droplet; nuclear speck; and rough endoplasmic reticulum.                                                                                                                                                                                               |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 57.7 kDa; Accurate Molecular Mass: 58 kDa                                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | > 90%                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                                                                                                   |
| <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 centigrade 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. |

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|                       |                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| <b>Storage Buffer</b> | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.                          |
| <b>Reconstitution</b> | Reconstitute in ddH <sub>2</sub> O to a concentration of 0.1-0.5 mg/mL. Do not vortex.                                       |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CKAP4 cytoskeleton-associated protein 4 [ Homo sapiens (human) ]                                                                                                                                                                                                                                    |
| <b>Official Symbol</b> | CKAP4                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>        | CKAP4; cytoskeleton-associated protein 4; CLIMP 63; ERGIC 63; P63; 63 kDa membrane protein; type-II transmembrane protein p63; 63-kDa cytoskeleton-linking membrane protein; transmembrane protein (63kD), endoplasmic reticulum/Golgi intermediate compartment; p63; CLIMP-63; ERGIC-63; MGC99554; |
| <b>Gene ID</b>         | 10970                                                                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>     | NM_006825                                                                                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>  | NP_006816                                                                                                                                                                                                                                                                                           |
| <b>MIM</b>             | 618595                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>      | Q07065                                                                                                                                                                                                                                                                                              |

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