

## Recombinant Human CETN2 protein, His-SUMO-tagged

**Cat. No.** CETN2-2688H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CETN2 protein(P41208)(1-172aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 1-172aa                                                                                                                                                                                                                               |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| <b>Molecular Mass</b>   | 35.7 kDa                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MASNFKKANMASSSQRKRMSPKPELTEEQKQEIREAFDLFDADGTGTIDVKELKVA<br>MRALGFEPKKEEIKKMISEIDKEGTGKMNFGLFTVMTQKMSEKDTKEEILKAFKLFD<br>DDETGKISFKNLKRVAKELGENLTDEELQEMIDEADRDGDGEVSEQEFLRIMKKTSL<br>Y                                               |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                           |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                        |

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**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

**GENE INFORMATION**

|                  |                                                    |
|------------------|----------------------------------------------------|
| <b>Gene Name</b> | CETN2 centrin, EF-hand protein, 2 [ Homo sapiens ] |
|------------------|----------------------------------------------------|

|                        |       |
|------------------------|-------|
| <b>Official Symbol</b> | CETN2 |
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|                 |                                                                                                       |
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| <b>Synonyms</b> | CETN2; centrin, EF-hand protein, 2; CALT; centrin-2; CEN2; caltractin (20kD calcium-binding protein); |
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| <b>Gene ID</b> | 1069 |
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| <b>mRNA Refseq</b> | NM_004344 |
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| <b>Protein Refseq</b> | NP_004335 |
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| <b>MIM</b> | 300006 |
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| <b>UniProt ID</b> | P41208 |
|-------------------|--------|

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