

## Recombinant Human CPA3 protein, His-tagged

**Cat. No.** CPA3-2720H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human CPA3 protein(P15088)(110-417aa), fused to N-terminal His tag, was expressed in E. coli.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | 110-417aa   |
| <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>   | 40 kDa  |
| <b>AA Sequence</b>      | IPGRHSYAKYNNWEKIVAWTEKMMDKYPEMVSRIKIGSTVEDNPLYVLKIGEKNERR<br>KAIFTDCGIHAREWVSPAFCQWFVYQATKTYGRNKIMTKLLDRMNFYILPVFNVDGYI<br>WSWTKNRMWRKNRSKNQNSKIGTDLNRNFNASWNSIPNTNDPCADNYRGSAP<br>SEKETKAVTNFIRSHLNEIKVYITFHSYSQMLLFPYGYTSKLPPNHEDLAKVAKIGTDV<br>LSTRYETRYIYGPIESTIYPISGSSLDWAYDLGIKHTFAFELRDKGKFGFLLPESRIKPT<br>CRETMLAVKFI AKYILKHTS |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.   |

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**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**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

**Gene Name** CPA3 carboxypeptidase A3 (mast cell) [ Homo sapiens ]

**Official Symbol** CPA3

**Synonyms** CPA3; carboxypeptidase A3 (mast cell); mast cell carboxypeptidase A; tissue carboxypeptidase A; MC-CPA;

**Gene ID** 1359

**mRNA Refseq** NM\_001870

**Protein Refseq** NP\_001861

**MIM** 114851

**UniProt ID** P15088

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