

# Recombinant Human C1QA protein, His-SUMO-tagged

**Cat. No.** C1QA-2606H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human C1QA protein(P02745)(23-245aa), 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>    | 23-245aa                                                                                                                                                                                                                                     |
| <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>   | 39.7 kDa                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | EDLCRAPDGKKGEAGRPGRRRGRPGLKGEQGEPGAPGIRTGIQGLKGDQGEPGPS<br>GNPGKVGYPGPSGPLGARGIPGIKGTKGSPGNIKDQPRPAFSAIRRNPPMGGNNVIF<br>DTVITNQEEPYYQNHSGRFVCTVPGYYFTFQVLSQWEICLSIVSSSRGQVRRSLGFC<br>DTTNKGLFQVVSGGMVLQLQQGDQVWVEKDPKKGHIYQGSEADSVFSGFLIFPSA |
| <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**

**Gene Name** C1QA complement component 1, q subcomponent, A chain [ Homo sapiens ]

**Official Symbol** C1QA

**Synonyms** C1QA; complement component 1, q subcomponent, A chain; complement component 1, q subcomponent, alpha polypeptide; complement C1q subcomponent subunit A; complement component C1q, A chain;

**Gene ID** 712

**mRNA Refseq** NM\_015991

**Protein Refseq** NP\_057075

**MIM** 120550

**UniProt ID** P02745

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