

# Recombinant Human C3 protein(961-1040 aa), C-His-tagged

**Cat. No.** C3-2505H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human C3 protein(P01024)(961-1040 aa), fused with C-terminal His tag, was expressed in E. coli.                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                            |
| <b>ProteinLength</b>    | 961-1040 aa                                                                                                                                                                       |
| <b>Form</b>             | 0.15 M Phosphate buffered saline                                                                                                                                                  |
| <b>Storage</b>          | Shipped on dry ice. Avoid repeated freeze-thaw cycles. Upon receipt, 2 days when stored at 2 to 8 °C after thawing.<br>Up to 12 months when aliquoted and stored at -20 to -80°C. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.     |
| <b>AA Sequence</b>      | DIPPADLSDQVPDTESETRILLQGTPVAQMTEDAVDAERLKHIVTPSGCGEQNMIG<br>MTPTVIAVHYLDETEQWEKFGLE                                                                                               |

## GENE INFORMATION

|                  |                                            |
|------------------|--------------------------------------------|
| <b>Gene Name</b> | C3 complement component 3 [ Homo sapiens ] |
|------------------|--------------------------------------------|

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|                        |                                                                                                                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | <b>C3</b>                                                                                                                                                                                                         |
| <b>Synonyms</b>        | C3; complement component 3; complement C3; CPAMD1; complement component C3; acylation-stimulating protein cleavage product; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1; ASP; AHUS5; ARMD9; |
| <b>Gene ID</b>         | <b>718</b>                                                                                                                                                                                                        |
| <b>mRNA Refseq</b>     | <b>NM_000064</b>                                                                                                                                                                                                  |
| <b>Protein Refseq</b>  | <b>NP_000055</b>                                                                                                                                                                                                  |
| <b>MIM</b>             | <b>120700</b>                                                                                                                                                                                                     |
| <b>UniProt ID</b>      | <b>P01024</b>                                                                                                                                                                                                     |

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