

[Go to Product page](#)

Datasheet for ABIN4372031 C3a Protein (AA 672-748)

Overview

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|--------------------------|----------------------------|
| Quantity: | 50 µg |
| Target: | C3a |
| Protein Characteristics: | AA 672-748 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |

Product Details

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|------------------|---|
| Purpose: | Recombinant Human Complement Component C3a/C3a |
| Sequence: | SVQLTEKRMD KVGKYPKELR KCCEDGMREN PMRFSCQRRT RFISLGEACK KVFLDCCNYI TELRRQHARA SHLGLAR |
| Characteristics: | Recombinant Human Complement Component C3a/C3a |
| Purity: | > 95 % as determined by reducing SDS-PAGE. |
| Sterility: | 0.2 µm filtered |
| Endotoxin Level: | Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test |

Target Details

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|-------------------|---|
| Target: | C3a |
| Alternative Name: | Complement Component C3a (C3a Products) |
| Molecular Weight: | 9.1 kDa |

Target Details

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|-----------|-----------------------------------|
| UniProt: | P01024 |
| Pathways: | Complement System |

Application Details

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|---------------|-----------------------|
| Restrictions: | For Research Use only |
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Handling

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| Format: | Lyophilized |
| Reconstitution: | <p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p> |
| Buffer: | Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4. |
| Handling Advice: | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. |
| Storage: | 4 °C/-20 °C/-80 °C |
| Storage Comment: | <p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p> |