

Rev04
 Update: Aug,20,2025

DATASHEET

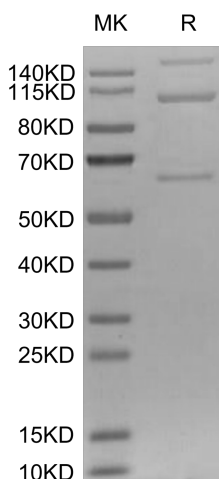
Complement C3, His, Mouse

Cat. No.: Z06069

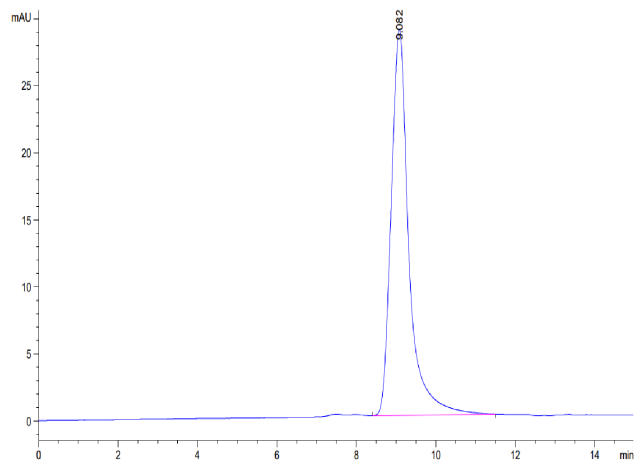
Product Introduction

Species	Mouse
Protein Construction	<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> Complement C3 (Ile25-Asn1663)_x000D_ Accession # P01027-1 </div> <div style="background-color: #76b82a; color: white; padding: 5px; text-align: center;"> His </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px; font-size: small;"> N-term C-term </div>
Purity	> 95% as determined by BisTris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	187.86 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 65-68 kDa, 110-115 kDa and 165-180 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable for 6 months at -20°C or below. Upon reconstitution, the product should be stable for 3 months at -80°C. Avoid repeated freeze-thaw cycles.

Examples



Complement C3, His, Mouse on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of Complement C3, His, Mouse is greater than 95% as determined by SEC-HPLC.

Background

Target Background : Complement component 3 (C3), a pivotal molecule in the complement system, is an essential immune mediator in various diseases, including psoriasis. C3 deficiency promoted imiquimod-induced skin cell apoptosis and supported greater proportions of IFN- γ T cells in the inflamed tissues.

Synonyms : Complement component 3;HSE-MSF;C3;CPAMD1;AHUS5;ARMD9;ASP;C3a;C3b;HEL-S-62p

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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