

Rev04
 Update: Aug,20,2025

DATASHEET

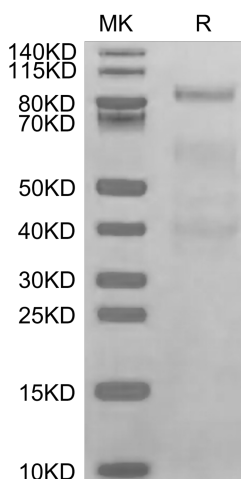
Complement factor I, His, Mouse

Cat. No.: Z06071

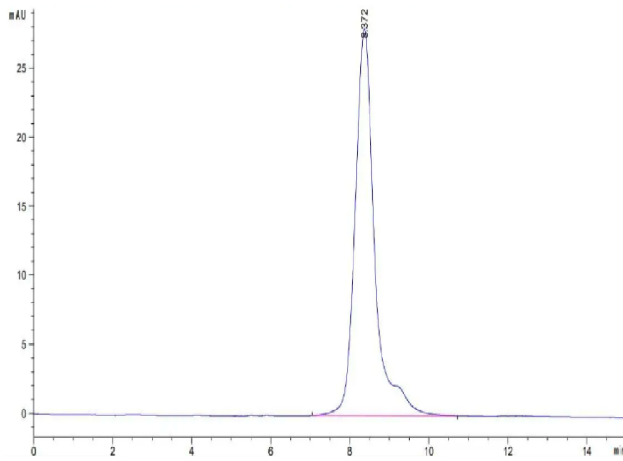
Product Introduction

Species	Mouse
Protein Construction	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> Complement Factor I (Arg19-Val603)_x000D_ Accession # Q61129 </div> <div style="background-color: #76923c; color: white; padding: 5px; text-align: center; margin-left: 10px;"> His </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px; font-size: small;"> N-term C-term </div>
Purity	> 90% as determined by BisTris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	66.39 kDa
Apparent Molecular Weight	Due to autocatalytic cleavage and glycosylation, the protein migrates to 80-100 kDa on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in 50mM Tris, 150mM NaCl (pH 8.0).
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 factor I, His, Mouse on Bis-Tris PAGE under reduced condition. The purity is greater than 90%.



The purity of Complement factor I, His, Mouse is greater than 90% as determined by SEC-HPLC.

Background

Target Background : Complement factor I (CFI) is a serine protease which plays a key role in the modulation of complement system and the induced-fit factor responsible for controlling the complement-mediated processes.

Synonyms : C3B/C4B inactivator; CFI; IF; C3BINA; FIC3b-INA; I factor (complement); KAF

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

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