

Mouse Complement C3 Protein



Cat. No. CC3-MM101

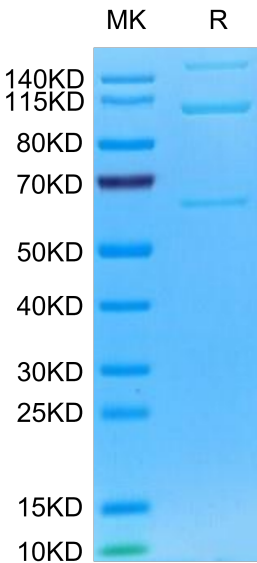
Description	
Source	Recombinant Mouse Complement C3 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ile25-Asn1663.
Accession	P01027-1
Molecular Weight	The protein has a predicted MW of 187.86 kDa. Due to glycosylation, the protein migrates to 65-68 kDa, 110-115 kDa and 165-180 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage	
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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.	

Assay Data

Bis-Tris PAGE



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

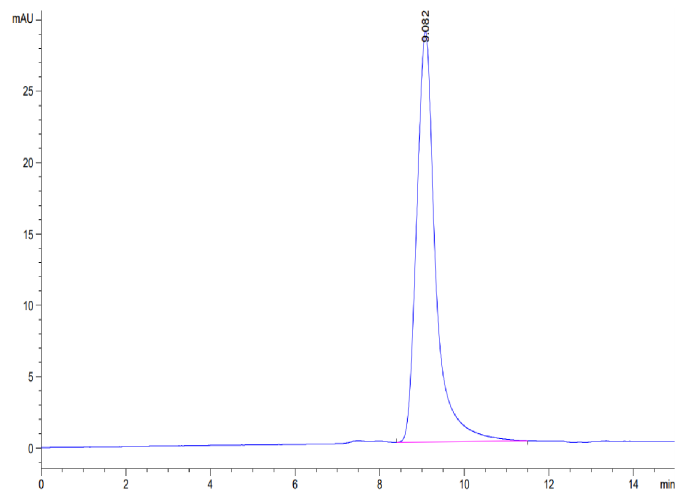
SEC-HPLC

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Assay Data



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