Biotinylated Mouse Fc gamma RIII/CD16 Protein

Catalog # CD16-MB001 Form: Lyophilized

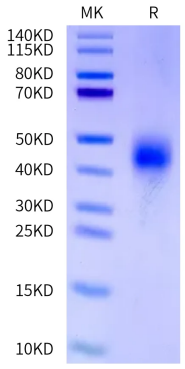
Product Details

Product description	Recombinant Biotinylated Mouse Fc gamma RIII/CD16 Protein is expressed in HEK293 cells with a His tag and Avi tag at the C-terminus. It contains amino acid residues Leu32-Thr215 (UniProt accession: Q5D5I8).
Molecular aliases	IgG Fc receptor III; Fc-gamma RIII; FcRIII; FCGR3; CD16; CD16A; FCG3; FcgRIII; FCR-10; FCRIIIA; IGFR3; IMD20; FcγRIII; Fc γRIII; Fcγ RIII; Fc γ RIII
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 23.97 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
State	Lyophilized
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.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Biotinylated Mouse Fc gamma RIII on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.