# Mouse Fc gamma RIII/CD16 Protein

Catalog # CD16-MP001 Form: Lyophilized

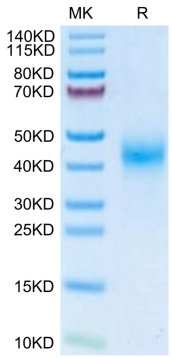
## Product Details

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|---|---|
| **Product description** | Recombinant Mouse Fc gamma RIII/CD16 Protein is expressed in HEK293 cells with a His 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 22.2 kDa. Due to glycosylation, the protein migrates to 40-48 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 ug by the LAL method. |
| **Formulation** | Lyophilized from 0.22μm 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**

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