# Biotinylated Human Fc gamma RIIIA/CD16a (F176) Protein

Catalog # CD16A-HB002 Form: Lyophilized

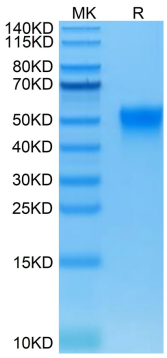
## Product Details

| | |
|---|---|
| **Product description** | Recombinant Biotinylated Human Fc gamma RIIIA/CD16a (F176) Protein is expressed in HEK293 cells with a His tag and Avi tag at the C-terminus.. It contains amino acid residues Gly17-Gln208(F176) (UniProt accession: P08637-1). |
| **Molecular aliases** | Fc gamma RIIIA; Fc gamma RIIIA (V176); FCGR3; FCGR3A; FCGRIII; FcgRIIIA; FcR-10; CD16A; FCG3; IGFR3; FcRIIIa; FcRIII; CD16; IMD20; FcγRIIIA; Fc γRIIIA; Fcγ RIIIA; Fc γ RIIIA |
| **Expression system** | HEK293 |
| **Molecular weight** | The protein has a predicted MW of 24.7 kDa. Due to glycosylation, the protein migrates to 48-58 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 0.22μm 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**

Biotinylated Human Fc gamma RIIIA (F176) on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.