Non-biotinylated Human Fc gamma RIIIA/CD16a (F176) Protein

Catalog # CD16A-HP003 Form: Lyophilized

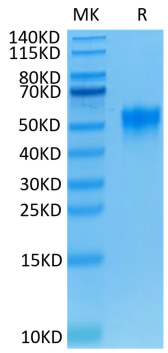
Product Details

Product description	Recombinant 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

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