Human Fc gamma RIIIA/CD16a (V176) Domain 2 Protein

Catalog # CD16A-HP002 Form: Lyophilized

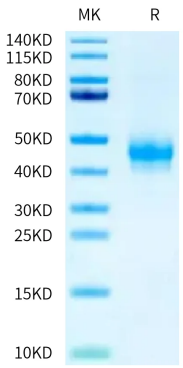
Product Details

Product description	Recombinant Human Fc gamma RIIIA/CD16a (V176) Domain 2 Protein is expressed in HEK293 cells with an mFc (IgG1) tag at the C-terminus. It contains amino acid residues Gly107-Thr189 (accession: AAH17865).
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 35.29 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.

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Human Fc gamma RIIIA (V176) Domain 2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.