Biotinylated Human Fc gamma RIIIB/CD16b (NA2) Protein

Catalog # CD16B-HB002 Form: Lyophilized

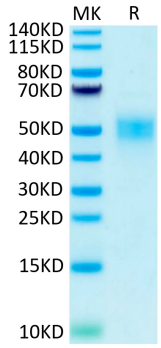
Product Details

Product description	Recombinant Biotinylated Human Fc gamma RIIIB/CD16b (NA2) Protein is expressed in HEK293 cells with a His tag and Avi tag at the C-terminus. It contains amino acid residues Gly17-Ser200(NA2). The CD16b NA1 differ with the CD16b NA2 in AA36, 65, 82, and 106. The CD16b NA1form carries R36, N65, D82, and V106, while the CD16b NA2 form carries S36, S65, N82, and I106 (UniProt accession: O75015-1).
Molecular aliases	CD16; Fc gamma RIIIB; FCG3; FCGR3B; FcgRIIIB; FCRIIIB; IGFR3; CD16b (NA2); CD16B; FCG3B; FCG3; FCGR3; FCR-10; FcγRIIIB; Fc γRIIIB; Fcγ RIIIB; Fc γ RIIIB
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 23.7 kDa. Due to glycosylation, the protein migrates to 47-53 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 RIIIB (NA2) on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.