

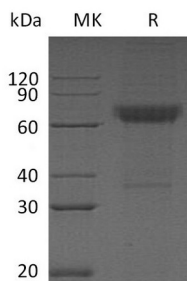
**Product Name: Recombinant Human CD16b (C-Fc-6His)**  
**Catalog #: PHH0302**



## Summary

<b>Name</b>	Fc gamma RIIB/CD16b/FCGR3B (NA2)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Low Affinity Immunoglobulin Gamma Fc Region Receptor III-B is produced by our Mammalian expression system and the target gene encoding Gly17-Gln208 is expressed with a human IgG1 Fc tag at the C-terminus.
<b>Accession #</b>	AAI28563.1
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	48.8 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image



## Background

**Product Name: Recombinant Human CD16b (C-Fc-6His)**  
**Catalog #: PHH0302**

---



**Alternative Names**

Low affinity immunoglobulin gamma Fc region receptor III-B; Fc-gamma RIII-beta; FcR-10; IgG Fc receptor III-1; FCG3; FCGR3; CD16b; FCGR3B

**Background**

Low affinity immunoglobulin gamma Fc region receptor III-B, also known as Fc-gamma RIII-beta, FcR-10, IgG Fc receptor III-1, FCG3, FCGR3, CD16b and FCGR3B. FCGR3B is a GPI-anchor membrane protein and contains two Ig-like C2 type domains. FCGR3B can be expressed in orphonuclear leukocytes and stimulated eosinophils. FCGR3B can interact with INPP5D/SHIP1. FCGR3B localizes in the FCGR gene cluster is a CN polymorphic gene involved in the recruitment of polymorphonuclear neutrophils to sites of inflammation and their activation. FCGR3B may serve as a trap for immune complexes in the peripheral circulation which does not activate neutrophils.

**Note**

For Research Use Only , Not for Diagnostic Use.