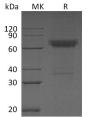
## Recombinant Human CD16b/FCGR3B Protein (Fc & His Tag)



Catalog Number: PKSH032421

Note: Centrifuge before opening to ensure complete recovery of vial contents.

beta;FcR-10;IgG Fc receptor III-1;FCG3;FCGR3;CD16b and FCGR3B;FCRIII;FCRIIIbSpeciesHumanExpression HostHEK293 CellsSequenceGly17-Gln208AccessionO75015Calculated Molecular Weight48.8 kDaObserved molecular weight70 kDaTagC-Fc-HisPropertiesPurity> 95 % as determined by reducing SDS-PAGE.Endotoxin< 1.0 EU per µg of the protein as determined by the LAL method.	Description	
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## 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.

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