

# Recombinant Human FCGR3B Protein, No Tag, Biotinylated

## Product Information

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<b>Cat</b>	IMP-1918
<b>Official Symbol</b>	FCGR3B
<b>Product Overview</b>	Recombinant mature form of human CD16b (O75015.2) (Met 18-Gly 193) was expressed and purified. The expressed protein was biotinylated in vitro.
<b>Description</b>	The protein encoded by this gene is a low affinity receptor for the Fc region of gamma immunoglobulins (IgG). The encoded protein acts as a monomer and can bind either monomeric or aggregated IgG. This gene may function to capture immune complexes in the peripheral circulation. Several transcript variants encoding different isoforms have been found for this gene. A highly-similar gene encoding a related protein is also found on chromosome 1.
<b>Expression System</b>	<i>E. coli</i>
<b>Species</b>	Human
<b>Tag</b>	No Tag
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5% mannitol and 0.01% Tween80.
<b>Conjugate</b>	Labeling ratio of biotin to protein: 5.51.
<b>Molecular Mass</b>	The recombinant human CD16b comprises 176 amino acids and has a predicted molecular mass of 20 kDa.
<b>Protein length</b>	Met18-Gly193
<b>Endotoxin</b>	Please contact us for more information.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
<b>SDS-PAGE</b>	

