

## Fc gamma RIIIB/CD16b Protein, Human (Biotinylated, NA2, HEK293, His-Avi)

<b>Cat. No.:</b>	HY-P78122
<b>Synonyms:</b>	CD16; Fc gamma RIIIB; FCG3; Fc-gamma receptor IIIb (CD 16); Fc-gamma RIIb; Fc-gamma RIII-beta; FCGR3B; FcgRIIIB; FCRIIIb; IGFR3; IgG Fc receptor III-1; CD16b (NA2); CD16B; FCG3B; FCG3; FCGR3; FCR-10; Fc-gamma RIII-β
<b>Species:</b>	Human
<b>Source:</b>	HEK293
<b>Accession:</b>	O75015 (G17-S200)
<b>Gene ID:</b>	2215
<b>Molecular Weight:</b>	47-53 kDa

### PROPERTIES

<b>Biological Activity</b>	1. Biotinylated Human Fc gamma RIIIB (NA2) His captured on CM5 Chip via Anti-His Antibody can bind Rituximab hFc with an affinity constant of 4.3μM as determined in SPR assay. 2. Rituximab captured on CM5 Chip via Protein A can bind Biotinylated Human Fc gamma RIIIB. His-Avi Tag with an affinity constant of 6.48 μM as determined in SPR assay (Biacore T200).
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized a 0.22 μm filtered solution of PBS, pH 7.4. Normally 5% trehalose is added as protectant before lyophilization.
<b>Endotoxin Level</b>	<1 EU/μg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
<b>Storage &amp; Stability</b>	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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