

Fc gamma RIIB/CD32b Protein, Human (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P75211
Synonyms:	Low Affinity Immunoglobulin Gamma Fc Region Receptor II-b; IgG Fc Receptor II-b; CDw32; FcRII-b; CD32; FCGR2B; FCG2; IGFR2
Species:	Human
Source:	HEK 293
Accession:	P31994 (A46-I224)
Gene ID:	2213
Molecular Weight:	30-35 kDa

PROPERTIES

Biological Activity	Immobilized human CD32b-Avi-His at 10 µg/mL (100 µL/well) can bind biotinylated human IgG1 and the EC ₅₀ is 0.20-0.48 µg/mL. Using the Octet RED System, the affinity constant (Kd) of human CD32b-Avi-His bound to Herceptin was 1.5 nM.
Appearance	Lyophilized powder.
Formulation	Lyophilized a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	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.
Shipping	Room temperature in continental US; may vary elsewhere.

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

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