Recombinant Cynomolgus Fc gamma RIII/CD16 Protein

RPCB1724

Protein Information

Size:	100 µg	**Tag:**	C-His
Reactivity:	Cynomolgus	**Expressed Host:**	HEK293 cells
Calculated MW:	23.1 kDa	**Observerd MW:**	45-55 kDa

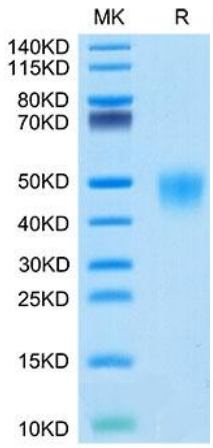
Background

Immunoglobulin G (IgG) Fc receptors play a critical role in linking IgG antibody-mediated immune responses with cellular effector functions. A high resolution map of the binding site on human IgG1 for human Fc gamma RI, Fc gamma RIIA, Fc gamma RIIB, Fc gamma RIIIA, and FcRn receptors has been determined.A common set of IgG1 residues is involved in binding to all Fc gamma R; Fc gamma RII and Fc gamma RIII also utilize residues outside this common set.

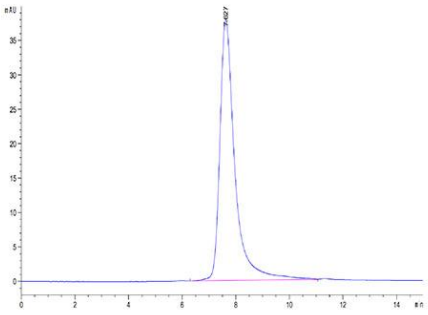
Properties

Synonyms:	IgG Fc receptor III, Fc-gamma RIII, FcRIII, FCGR3, CD16, CD16A, FCG3, FcgRIII, FCR-10, FCRIIIA, IGFR3, IMD20
Gene ID:	102140945
Endotoxin:	< 1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Cynomolgus Fc gamma RIII/CD16 Protein (RPCB1724), tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.
Purity:	≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.
Storage:	Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.

Validation Data



Recombinant Cynomolgus Fc gamma RIII/CD16 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Cynomolgus Fc gamma RIII is greater than 95% as determined by SEC-HPLC.