

Recombinant Human Fc gamma RIIB /CD32b Protein

Catalog No.: RP02012LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	2213	P31994-1

Tags

Supplied as 0.22um filtered solution in 20mM PBS, pH 6.8. Contact us for customized product form or formulation.

Synonyms

CD32; CD32B; FCGR2; FCGR2; IGFR2

Product Information

Source	Purification
Mammalian	> 95% by SDS-PAGE.

Calculated MW **Observed MW**

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Supplied as 0.22um filtered solution in 20mM PBS, pH 6.8. Contact us for customized product form or formulation.

Reconstitution

Background

The Fc gamma Rs have been divided into three classes based on close relationships in their extracellular domains; these groups are designated Fc gamma RI (also known as CD64), Fc gamma RII (CD32), and Fc gamma RIII (CD16). Each group may be encoded by multiple genes and exist in different isoforms depending on species and cell type. The CD64 proteins are high affinity receptors (~10e-8-10e-9 M) capable of binding monomeric IgG, whereas the CD16 and CD32 proteins bind IgG with lower affinities (~10e-6-10e-7 M) only recognizing IgG aggregates surrounding multivalent antigens.

Basic Information

Description

Recombinant Human FGL1 Protein is produced by mammalian expression system. The target protein is expressed with sequence (Ala46-Pro217) of human Fc gamma RIIB /CD32b (Accession #P31994-1) fused with a 6xHis, Avi tag at the C-terminus.

Bio-Activity

Storage

This product is stable at ≤ -70° C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze/thaw cycles.

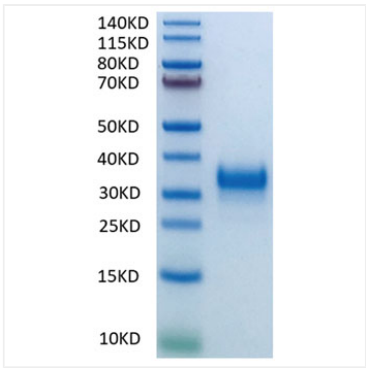
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Validation Data



Recombinant Human Fc gamma RIIB /CD32b
Protein was determined by SDS-PAGE with
Coomassie Blue, showing a band at 32-37
kDa.