

Recombinant Mouse Fc gamma receptor IIB/CD32B Protein

Catalog No.: RP00806 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	14130	P08101

Tags

C-6×His

Synonyms

CD32;CD32B;FCG2;FCGR2;IGFR2;Fcgr2b

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

Low affinity immunoglobulin gamma Fc region receptor II (CD32B) is a single-pass type I membrane protein and contains 2 Ig-like C2-type (immunoglobulin-like) domains. The inhibitory CD32B is expressed on B cells and myeloid dendritic cells. Ligation of CD32B on B cells downregulates antibody production and may, in some circumstances, promote apoptosis. Co-ligation of CD32B on dendritic cells inhibits maturation and blocks cell activation. CD32B may also be a target for monoclonal antibody therapy for malignancies.

Basic Information

Description

Recombinant Mouse Fc gamma receptor IIB/CD32B Protein is produced by Human cells expression system. The target protein is expressed with sequence (Thr30-Pro210) of mouse Fc gamma receptor IIB/CD32B (Accession #P08101) fused with a 6×His tag at the C-terminus.

Bio-Activity

Storage

Store the lyophilized protein at -20°C to -80 °C for long term.

After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

Avoid repeated freeze/thaw cycles.

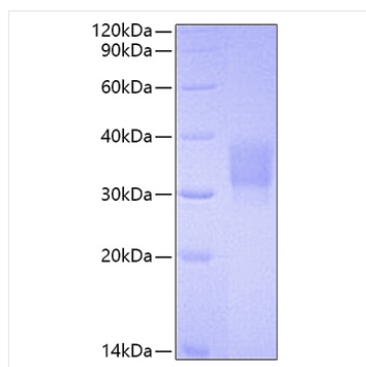
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Validation Data



Recombinant Mouse Fc gamma receptor IIB/CD32B Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.