

RP02030LQ

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# Recombinant mouse FcRn Protein

Catalog No.: RP02030LQ

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
mouse	14132/12010	P01887&Q61559

### Tags

Supplied as 0.22um filtered solution in PBS, pH 7.4. Contact us for customized product form or formulation.

### Synonyms

FcRn; Ly-m11; beta2-m; beta2m

## Product Information

Source	Purification
Mammalian	> 95% by SDS-PAGE.

### Endotoxin

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

### Formulation

Supplied as 0.22um filtered solution in PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

## Background

The neonatal Fc receptor (FCRN) is an approximately 45 kDa transmembrane glycoprotein with structural homology to MHC class I proteins. It is widely expressed in endothelial and epithelial cells and plays an important role in IgG homeostasis and antigen presentation by dendritic cells. FCGRT & B2M heterodimer protein (FcRn complex) consist of two subunits: p51, and p14, and forms an MHC class I-like heterodimer.

## Basic Information

### Description

### Bio-Activity

### Storage

This product is stable at  $\leq -70^{\circ}\text{C}$  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.

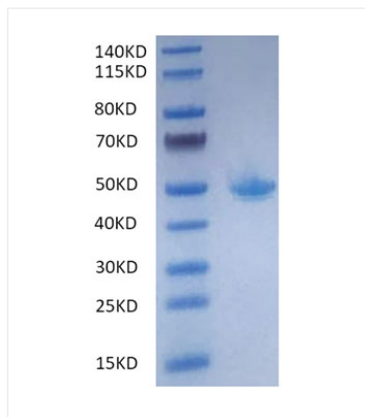
## Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data

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Recombinant mouse FcRn Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 47.1 kDa.