

RP00484

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# Recombinant Human CD23/Fc epsilon RII Protein

Catalog No.: RP00484 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	2208	P06734-1

### Tags

N-His

### Synonyms

BLAST-2; CD23; CD23A; CLEC4J; FCE2; IGBEF; FCER2; FcεRII; Fcγ; Fcγr; Fc receptor; CLEC-6; CLECSF8; MCL; MGC40078; MPCL; Fcεr2a; Ly-42

## Product Information

### Source

<I>E. coli</I>

### Purification

≥ 95 % as determined by SDS-PAGE; ≥ 95 % as determined by HPLC.

### Endotoxin

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

### Formulation

Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact



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

## Background

CD23 is the low-affinity receptor for immunoglobulin (Ig)E and plays important roles in the regulation of IgE responses. CD23 can be cleaved from cell surfaces to yield a range of soluble CD23 (sCD23) proteins that have pleiotropic cytokine-like activities.

## Basic Information

### Description

Recombinant Human CD23/Fc epsilon RII Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Asp48-Ser321) of Human CD23/Fc epsilon RII (Accession #P06734-1) fused with a N-His tag at the N-terminus.

### Bio-Activity

### Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

### Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

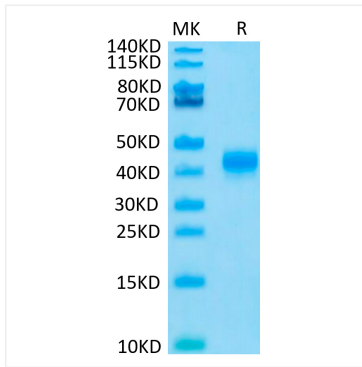
### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. 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.

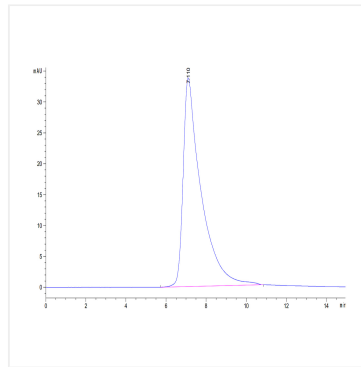
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## Validation Data

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Recombinant Human CD23/Fc epsilon RII Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Human CD23 is greater than 95% as determined by SEC-HPLC.