

Human CD23/Fc epsilon RII Protein

Cat. No. CD3-HM123

Description

| | |
|-------------------------|---|
| Source | Recombinant Human CD23/Fc epsilon RII Protein is expressed from HEK293 with His tag at the N-Terminus. It contains Asp48-Ser321. |
| Accession | P06734-1 |
| Molecular Weight | The protein has a predicted MW of 31.8 kDa. Due to glycosylation, the protein migrates to 38-45 kDa based on Bis-Tris PAGE result. |
| Endotoxin | Less than 1EU per µg by the LAL method. |
| Purity | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC |

Formulation and Storage

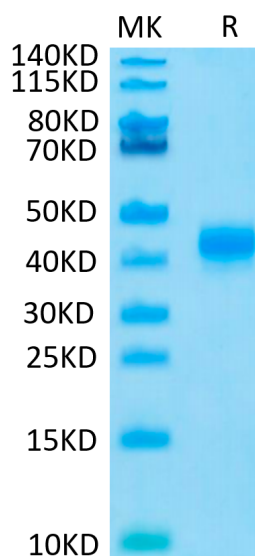
| | |
|-----------------------|---|
| Formulation | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization. |
| Reconstitution | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water. |
| Storage | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

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.

Assay Data

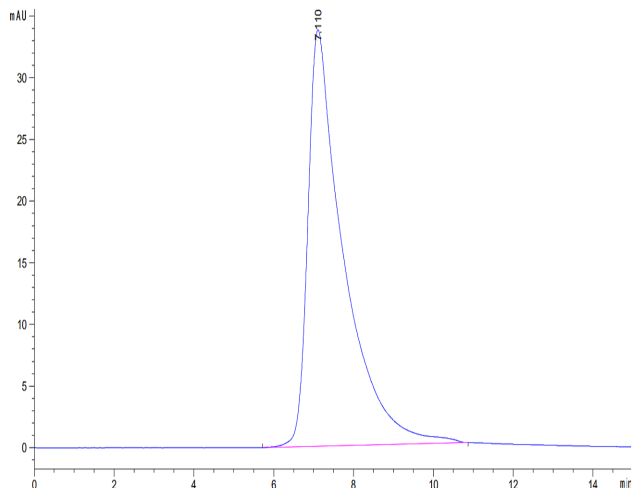
Bis-Tris PAGE



Human CD23 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Assay Data



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