

Rev03
 Update: Aug,08,2025

DATASHEET

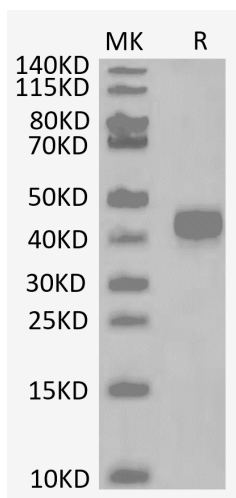
CD23/Fc epsilon RII, His, Human

Cat. No.: Z04172

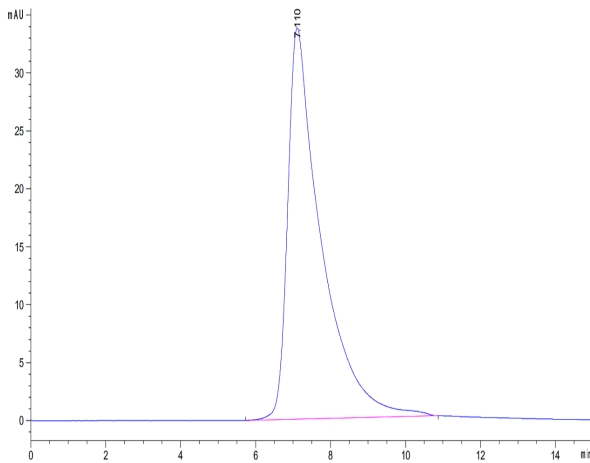
Product Introduction

Species	Human
Protein Construction	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #333; color: white; padding: 5px; margin-right: 10px;">His</div> <div style="background-color: #0056b3; color: white; padding: 5px; border: 1px solid white;"> CD23/Fc epsilon RII (Asp48-Ser321) Accession # P06734-1 </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> N-term C-term </div>
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	31.8 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 38-45 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from a 0.22 µm filtered solution in PBS, (pH 7.4).
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 & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Examples



CD23/Fc epsilon RII, His, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of CD23/Fc epsilon RII, His, Human is greater than 95% as determined by SEC-HPLC.

Background

Target 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.

Synonyms : BLAST-2; CD23; CD23A; CLEC4J; FCE2; IGEBF; FCER2; FcεRII; Fc ϵ r; Fcgr; Fc receptor; CLEC-6; CLECSF8; MCL; MGC40078; MPCL; Fcer2a; Ly-42

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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