

Rev03
 Update: Aug,08,2025

DATASHEET

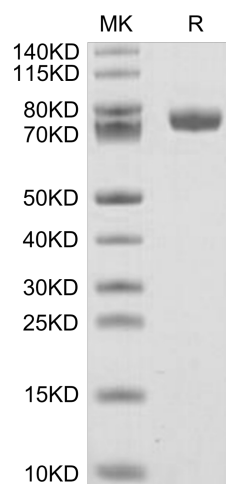
FcRH6 /FCRL6 hFc Chimera, Human

Cat. No.: Z05282

Product Introduction

Species	Human
Protein Construction	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> FcRH6 /FCRL6 (Leu20-Trp307) Accession # Q6DN72-1 </div> <div style="background-color: #76923c; color: white; padding: 5px; text-align: center;"> hFc </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> N-term C-term </div>
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	58.4 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 70-80 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm 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



FcRH6 /FCRL6 hFc Chimera, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

Background

Target Background : A surprising number of Fc receptor (FcR) relatives have been recognized recently with the potential capacity to modulate innate and adaptive immune responses. The six human FcR homologs (FcRH1-6), which belong to a phylogenetically conserved gene family, have variable numbers of extracellular immunoglobulin domains of five different subtypes. All but one of these new receptors, FcRH6, are expressed on B cells at different stages in differentiation.

Synonyms : FcR-like protein 6; FcRL6; FcRH6; IFGP6; Fc receptor-like 6; FLJ16056

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

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