

Rev03
 Update: Aug,08,2025
DATASHEET

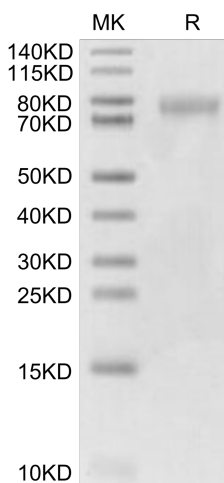
CLEC14A, His, Human

Cat. No.: Z05174

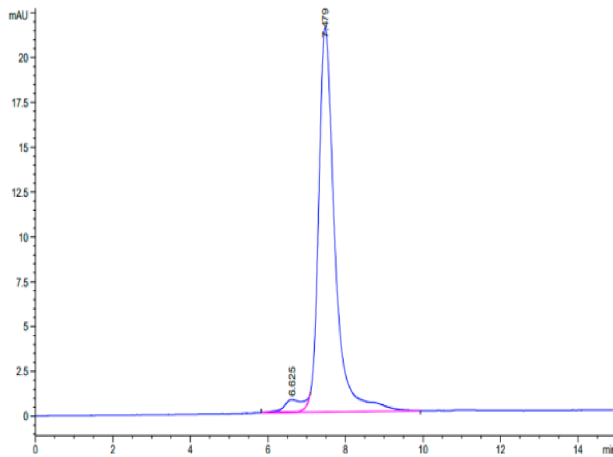
Product Introduction

Species	Human
Protein Construction	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> CLEC14A (Glu22-Ala397) Accession # Q86T13 </div> <div style="margin: 0 10px;"> </div> <div style="background-color: #55a868; color: white; padding: 5px; text-align: center;"> His </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px; font-size: small;"> N-term C-term </div>
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	40.94 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



CLEC14A, His, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of CLEC14A, His, Human is greater than 95% as determined by SEC-HPLC.

Background

Target Background : CLEC14A is a single-pass transmembrane glycoprotein belonging to the vascular expressed C-type lectin family. CLEC14A is found to be expressed in vascular endothelial cells during embryogenesis and is also implicated in tumor angiogenesis.

Synonyms : Epidermal growth factor receptor 5; EGFR-5; EGFR 5; EGFR5; C14orf27; UNQ236; PRO269; CEG1

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

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