

Rev04
 Update: Aug,20,2025

DATASHEET

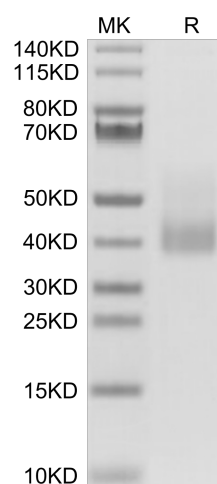
CLEC10A, His, Human

Cat. No.: Z05172

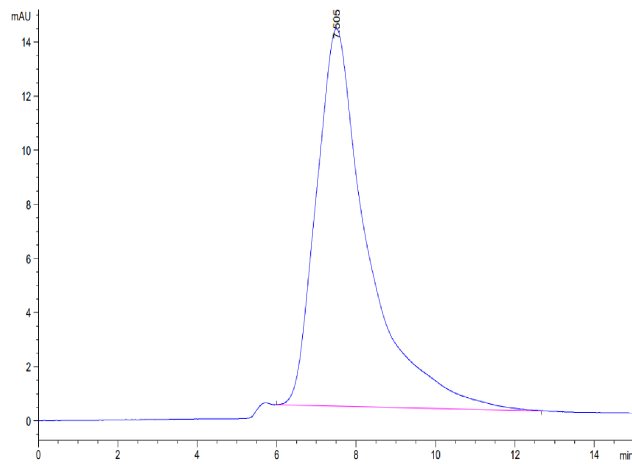
Product Introduction

Species	Human
Protein Construction	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; margin-right: 10px;"> CLEC10A (Gln61-Ser316) Accession # Q8IUN9-1 </div> <div style="background-color: #76b82a; color: white; padding: 5px; margin-left: 10px;"> 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
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	29.7 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 38-45 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 for 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



CLEC10A, His, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of CLEC10A, His, Human is greater than 95% as determined by SEC-HPLC.

Background

Target Background : CLEC10A, (C-type lectin domain family 10, member A), as the member of C-type lectin receptors (CLRs), plays a vital role in modulating innate immunity and adaptive immunity and has shown great potential as an immunotherapy target for cancers. However, there is no functional research of CLEC10A in prognostic risk, immunotherapy or any other treatment of lung adenocarcinoma (LUAD).

Synonyms : CD301; CLEC10A; CLECSF13; CLECSF14; HML; HML2; MGL

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

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