# Human CLEC10A Protein

**Cat. No.** CLE-HM10B

## Description

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|---|---|
| **Source** | Recombinant Human CLEC10A Protein is expressed from HEK293 with His tag at the C-Terminus. |
| | It contains Gln61-Ser316. |
| **Accession** | Q8IUN9-1 |
| **Molecular Weight** | The protein has a predicted MW of 29.7 kDa. Due to glycosylation, the protein migrates to 38-45 kDa based on Tris-Bis PAGE result. |
| **Endotoxin** | Less than 1EU per μg by the LAL method. |
| **Purity** | > 95% as determined by Tris-Bis PAGE |
| | > 95% as determined by HPLC |

## Formulation and Storage

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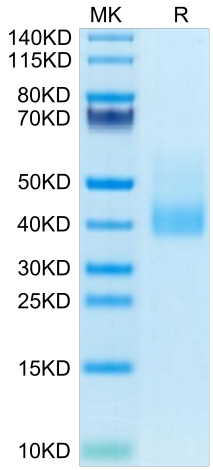
|---|---|
| **Formulation** | Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization. |
| **Reconstitution** | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water. |
| **Storage** | -20 to -80°C for 12 months as supplied from date of receipt.-20 to -80°C for 3-6 months in unopened state after reconstitution.2-8°C for 2-7 days after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

## 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).

## Assay Data

**Tris-Bis PAGE**




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

**SEC-HPLC**

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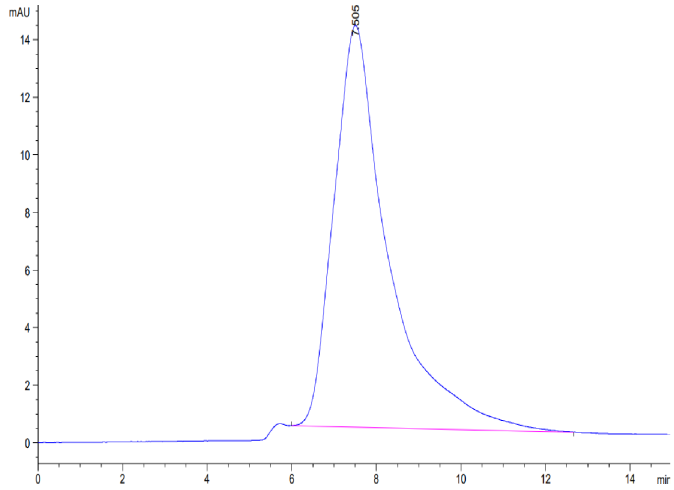


The purity of Human CLEC10A is greater than 95% as determined by SEC-HPLC.