

Mouse CLEC10A Protein

Cat. No. CLE-MM10A

Description

Source	Recombinant Mouse CLEC10A Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gln57-Ser304.
Accession	P49300
Molecular Weight	The protein has a predicted MW of 29.4 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

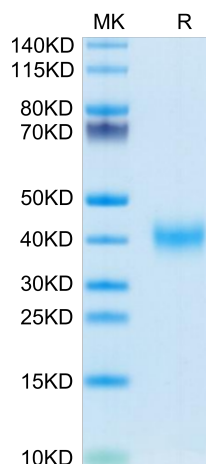
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled 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 a 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

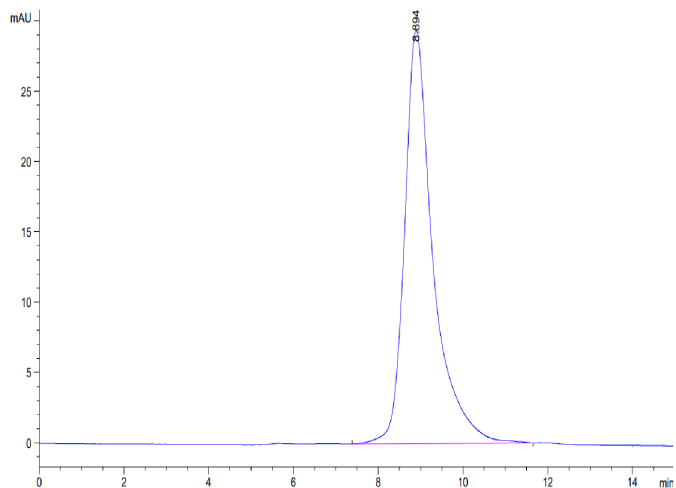
Tris-Bis PAGE



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

SEC-HPLC

Assay Data



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