Human CLEC7A Protein

Cat. No. CLE-HM27A

Description

Source	Recombinant Human CLEC7A Protein is expressed from HEK293 with hFc tag at the N-Terminus.
	It contains Thr66-Met201.
Accession	Q9BXN2-2
Molecular Weight	The protein has a predicted MW of 41.79 kDa. Due to glycosylation, the protein migrates to 45-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

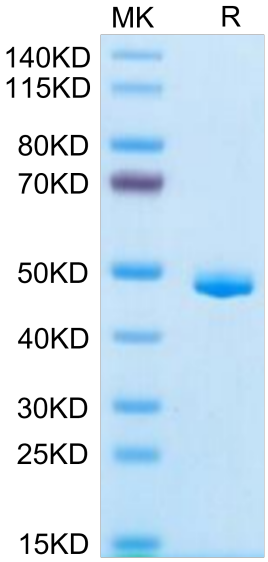
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled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

Background

Dendritic cell-associated C-type lectin-1 (Dectin-1), also known as β-glucan receptor is an emerging pattern recognition receptor (PRR) which belongs to the family of C-type lectin receptor (CLR). Dectin-1 signaling axis has been suggested to be targeted as an effective therapeutic strategy for cancers. Dectin-1 has also been elucidated ascetically in the heart, respiratory, intestinal, neurological and developmental disorders.

Assay Data

Bis-Tris PAGE



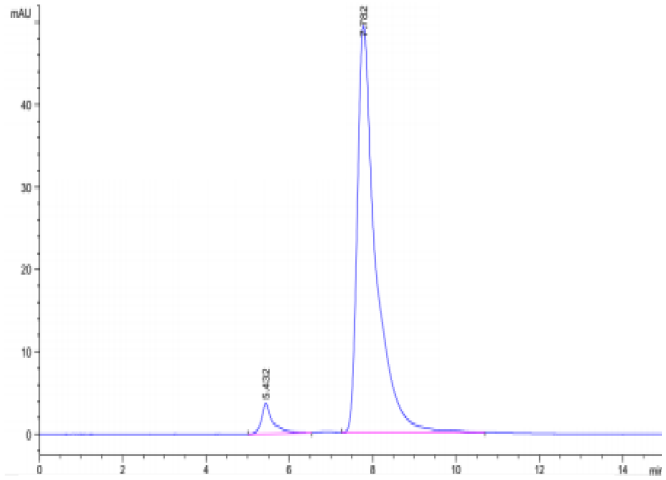
Human CLEC7A on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Human CLEC7A Protein

Cat. No. CLE-HM27A

Assay Data



The purity of Human CLEC7A is greater than 95% as determined by SEC-HPLC.