

Human CLEC7A Protein

Cat. No. CLE-HM17A

Description

Source	Recombinant Human CLEC7A Protein is expressed from HEK293 with His tag at the N-terminus. It contains Thr66-Met201.
Accession	Q9BXN2-2
Molecular Weight	The protein has a predicted MW of 16.58 kDa. Due to glycosylation, the protein migrates to 15-20 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

Formulation	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. 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

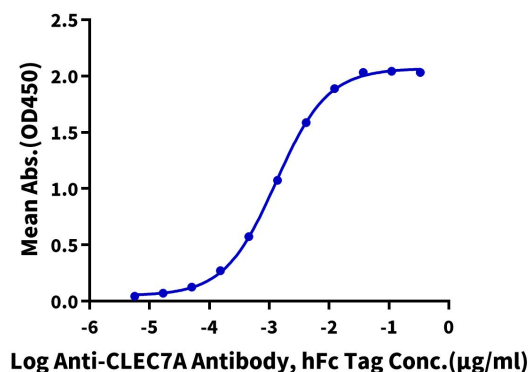


Human CLEC7A on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

Human CLEC7A, His Tag ELISA

0.05µg Human CLEC7A, His Tag Per Well



Immobilized Human CLEC7A, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-CLEC7A Antibody, hFc Tag with the EC50 of 1.3ng/ml determined by ELISA.