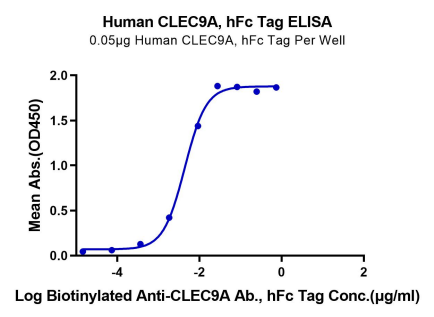
Bioactive CellTx™ HuPro®

CLEC9A (Human) Recombinant Protein

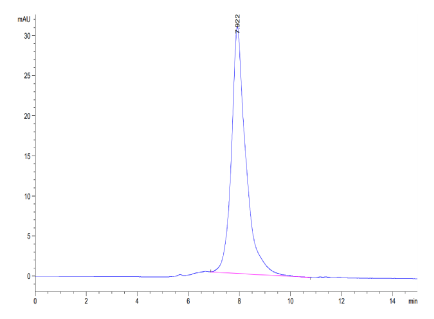
Catalog # P9862 Size 100 ug

Applications



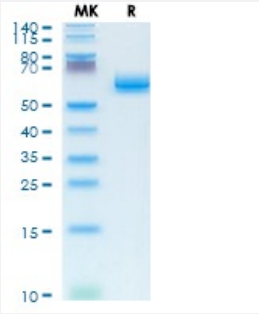
Enzyme-linked Immunoabsorbent Assay

Immobilized Human CLEC9A, hFc Tag at 0.5 ug/mL (100 uL/Well) on the plate. Dose response curve for Biotinylated Anti-CLEC9A Antibody, hFc Tag with the EC50 of 4.4 ng/mL determined by ELISA.



SEC-HPLC

The purity of Human CLEC9A is greater than 95% as determined by SEC-HPLC.



Tris-Bis PAGE

Human CLEC9A on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

Specification

Product Description	Human CLEC9A (Q6UXN8, Lys57-Val241) partial recombinant protein with hFc tag at N-Terminus expressed in HEK293 cells.

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Sequence	Lys57-Val241
Host	Human
Theoretical MW (kDa)	48.5
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The EC_{50} was 4.4 ng/mL, messured by ELISA at 0.5 ug/mL.
Quality Control Testing	SEC-HPLC and Tris-Bis PAGE SEC-HPLC The purity of Human CLEC9A is greater than 95% as determined by SEC-HPLC. Tris-Bis PAGE Human CLEC9A on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.
Recommend Usage	Biological Activity ELISA SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is > 100 ug/mL
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis

Applications

- Functional Study
- Enzyme-linked Immunoabsorbent Assay

  Immobilized Human CLEC9A, hFc Tag at 0.5 ug/mL (100 uL/Well) on the plate. Dose response curve for Biotinylated Anti-CLEC9A Antibody, hFc Tag with the EC50 of 4.4 ng/mL determined by ELISA.
- SDS-PAGE

Gene Info — CLEC9A

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Entrez GeneID	283420
Protein Accession#	Q6UXN8
Gene Name	CLEC9A
Gene Alias	DNGR1, UNQ9341
Gene Description	C-type lectin domain family 9, member A
Gene Ontology	Hyperlink
Gene Summary	CLEC9A is a group V C-type lectin-like receptor (CTLR) that functions as an activation receptor and is expressed on myeloid lineage cells (Huysamen et al., 2008 [PubMed 18408006]).[supplied by OMIM
Other Designations	HEEE9341

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