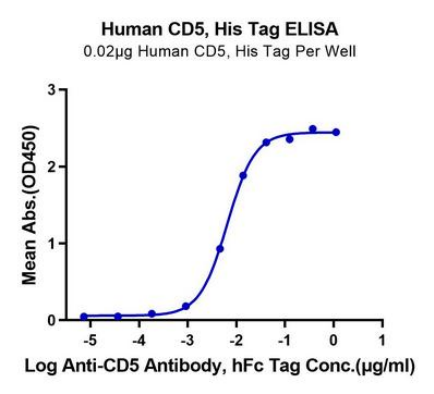
Bioactive CellTx™ HuPro®

CD5 (Human) Recombinant Protein

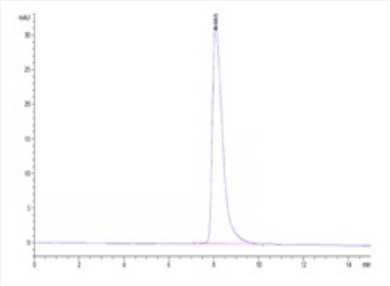
Catalog # P9745 Size 100 ug

Applications



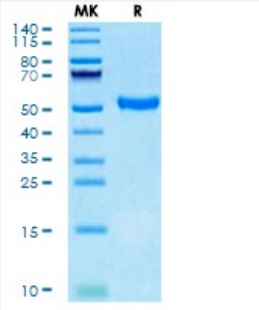
Enzyme-linked Immunoabsorbent Assay

Immobilized Human CD5, His Tag at 0.5 ug/mL (100 uL/mL/Well) on the plate. Dose response curve for Anti-CD5 Antibody, hFc Tag with the EC50 of 8.0 ng/mL determined by ELISA.



SEC-HPLC

The purity of Human CD5 is greater than 95% as determined by SEC-HPLC.



Tris-Bis PAGE

Human CD5 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

Specification

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Product Description	Human CD5 (P06127, Arg25 - Asn371) partial recombinant protein with His tag at C-terminus expressed in HEK293 cells.
Sequence	Arg25 - Asn371
Host	Human
Theoretical MW (kDa)	39.63
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Quality Control Testing	SEC-HPLC and Tris-Bis PAGE SEC-HPLC The purity of Human CD5 is greater than 95% as determined by SEC-HPLC. Tris-Bis PAGE Human CD5 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 CD5, His Tag at 0.5 ug/mL (100 uL/mL/Well) on the plate. Dose response curve for Anti-CD5 Antibody, hFc Tag with the EC50 of 8.0 ng/mL determined by ELISA.
- SDS-PAGE

Gene Info — CD5

Entrez GeneID	921

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Protein Accession#	P06127
Gene Name	CD5
Gene Alias	LEU1, T1
Gene Description	CD5 molecule
Omim ID	153340
Gene Ontology	Hyperlink
Other Designations	CD5 antigen (p56-62)

Pathway

- Hematopoietic cell lineage

Disease

- DNA Damage
- Genetic Predisposition to Disease
- Hematologic Diseases
- Hodgkin Disease
- Leukemia
- Lymphoma
- Lymphoproliferative Disorders
- Multiple Myeloma
- Occupational Diseases
- Waldenstrom Macroglobulinemia
- Werner syndrome

Copyright © 2023 Abnova Corporation. All Rights Reserved.