

Bioactive

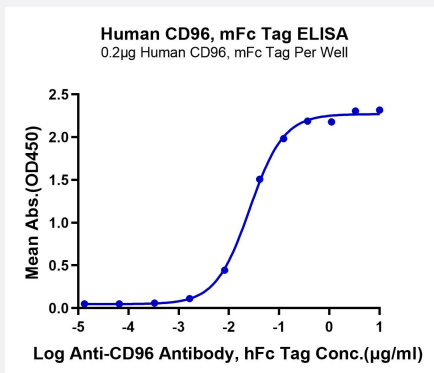
HuPro®

CD96 (Human) Recombinant Protein

Catalog # P9849

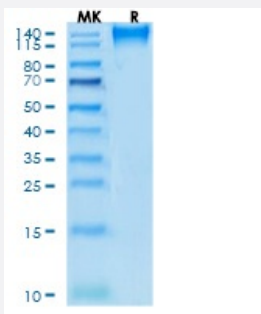
Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

Immobilized Human CD96, mFc Tag at 2 ug/mL (100 uL/Well) on the plate. Dose response curve for Anti-CD96 Antibody, hFc Tag with the EC50 of 25.9 ng/mL determined by ELISA (QC Test).



Tris-Bis PAGE

Human CD96 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

Specification

Product Description	Human CD96 (P40200-2, Val22-Met503) partial recombinant protein with mFc tag at C-Terminus expressed in HEK293 cells.
Sequence	Val22-Met503
Host	Human
Theoretical MW (kDa)	79.8
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 25.9 ng/mL, measured by ELISA at 2 ug/mL.
Quality Control Testing	SEC-HPLC and Tris-Bis PAGE Tris-Bis PAGE Human CD96 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

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- Functional Study

- SDS-PAGE

Gene Info — CD96

Entrez GeneID	10225
Protein Accession#	P40200-2
Gene Name	CD96
Gene Alias	DKFZp667E2122, MGC22596, TACTILE
Gene Description	CD96 molecule

Omim ID [211750 605039 606037](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the immunoglobulin superfamily. It is a type I membrane protein. The protein may play a role in the adhesive interactions of activated T and NK cells during the late phase of the immune response. It may also function in antigen presentation. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. [provided by RefSeq]

Other Designations CD96 antigen|T cell activation, increased late expression|T-cell surface protein tactile

Disease

- [Abnormalities](#)
- [Craniofacial Abnormalities](#)
- [Syndrome](#)
- [Translocation](#)