

Bioactive

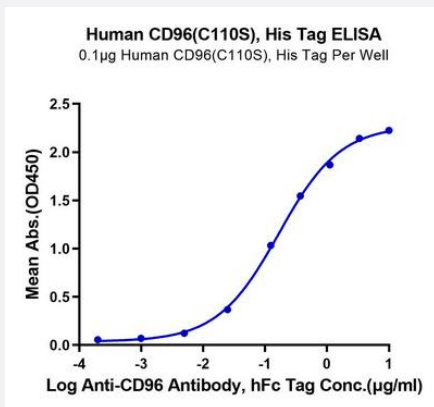
HuPro®

CD96 (Human) Recombinant Protein

Catalog # P9731

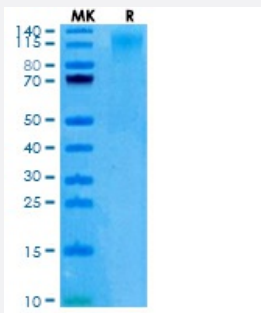
Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

Immobilized Human CD96 (C110S) , His Tag at 1 ug/mL (100 uL/well) on the plate. Dose response curve for Anti-CD96 Antibody, hFc Tag with the EC50 of 0.17 ug/mL determined by ELISA.



Tris-Bis PAGE

Human CD96 (C110S) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

Specification

Product Description

Human CD96 (P40200-2, 22 a.a. - 503 a.a.) partial recombinant protein with His tag at C-terminus expressed in HEK293 cells.

Sequence	VWEKTVNTEENVYATLGSDVNLTCQTQTVGFFVQMQWSKVTNKIDLIAYHPQYGFYCA YGRPCE SLVTFTEPENGSKWTLHLRNMSCSVSGRYECMLVLYPEGIQTKYNLLIQTHVTADEWNSNHTIEIE INQTL EIPCFQNSSSKISSEFTYAWSVEDNGTQETLISQNHLSNSTLLKDRVKLGT DYRLHLSPVQIF DDGRKF SCHIRVGP NKILRSS TTVKVFAKPEIPVIVENNSTDV LVERRFTCLLKNVFPKANITW FIDG SFLHDEKEGYMTNEERK GKGDFLELKS VLTRVHSNKPAQSDNL TWCMALSPVP GKNKVWNISSEK ITFLLGSEISSTD PPLSVTESTLDTQPSPASSVSPARYPATSSVTLVDVSALRPNTTPQPSNSSMTT RGFNYPWTSSGDTTKSVSRIPSETYSSSPSGAGSTLHDNVFTSTARAFSEVPTTANGSTKTNHV HITGIVVNKPKDGM
Host	Human
Theoretical MW (kDa)	54.63
Form	Lyophilized
Preparation Method	Mammalian cell (Expi293, high-yield transient 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 0.17 ug/mL, measured by ELISA at 1 ug/mL.
Quality Control Testing	SEC-HPLC and Tris-Bis PAGE Tris-Bis PAGE Human CD96 (C110S) 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

- Enzyme-linked Immunoabsorbent Assay

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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](#)