

Bioactive

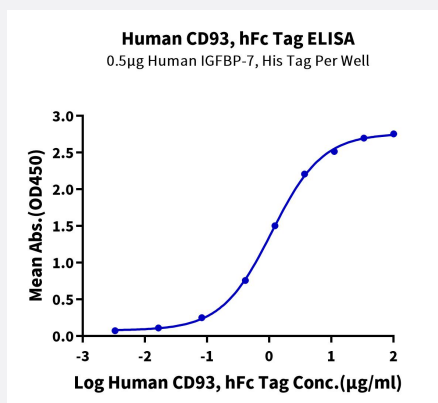
HuPro®

CD93 (Human) Recombinant Protein

Catalog # P9806

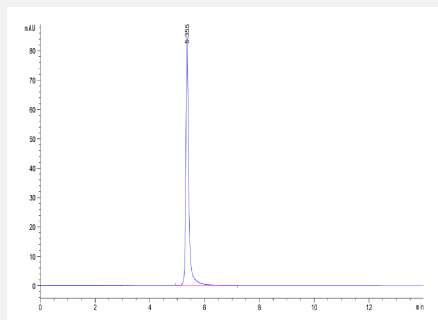
Size 100 ug

Applications



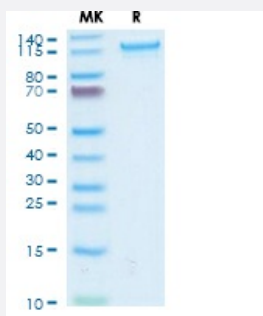
Enzyme-linked Immunoabsorbent Assay

Immobilized Human IGFBP-7, His Tag at 5 ug/mL (100 uL/well) on the plate. Dose response curve for Human CD93, hFc Tag with the EC50 of 1.10 ug/mL determined by ELISA.



SEC-HPLC

The purity of Human CD93 is greater than 95% as determined by SEC-HPLC.



Tris-Bis PAGE

Human CD93 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

Specification

Product Description	Human CD93 (Q9NPY3, Thr22-Lys580) partial recombinant protein with hFc tag at C-terminus expressed in HEK293 cells.
Sequence	Thr22-Lys580
Host	Human
Theoretical MW (kDa)	85
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 1.10 ug/mL, measured by ELISA at 5 ug/mL.
Quality Control Testing	SEC-HPLC and Tris-Bis PAGE SEC-HPLC The purity of Human CD93 is greater than 95% as determined by SEC-HPLC. Tris-Bis PAGE Human CD93 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

Immobilized Human IGFBP-7, His Tag at 5 ug/mL (100 uL/well) on the plate. Dose response curve for Human CD93, hFc Tag with the EC₅₀ of 1.10 ug/mL determined by ELISA.

- Functional Study

- SDS-PAGE

Gene Info — CD93

Entrez GeneID [22918](#)

Protein Accession# [Q9NPY3](#)

Gene Name CD93

Gene Alias C1QR1, C1qR(P), C1qRP, CDw93, MXRA4, dJ737E23.1

Gene Description CD93 molecule

Omim ID [120577](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a cell-surface glycoprotein and type I membrane protein that was originally identified as a myeloid cell-specific marker. The encoded protein was once thought to be a receptor for C1q, but now is thought to instead be involved in intercellular adhesion and in the clearance of apoptotic cells. The intracellular cytoplasmic tail of this protein has been found to interact with moesin, a protein known to play a role in linking transmembrane proteins to the cytoskeleton and in the remodelling of the cytoskeleton. [provided by RefSeq]

Other Designations C1q receptor 1|CD93 antigen|OTTHUMP00000030419|complement component 1, q subcomponent, receptor 1|matrix-remodelling associated 4

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