

Bioactive

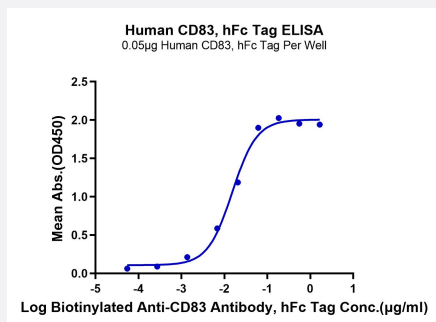
HuPro®

CD83 (Human) Recombinant Protein

Catalog # P9872

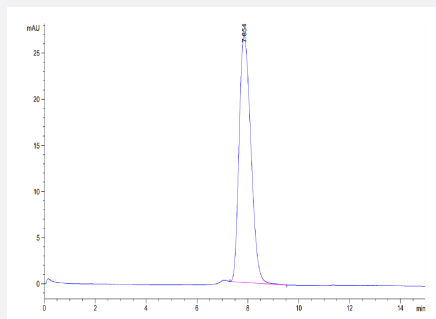
Size 100 ug

Applications



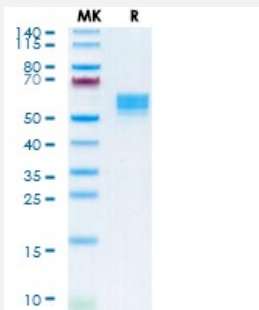
Enzyme-linked Immunoabsorbent Assay

Immobilized Human CD83, hFc Tag at 0.5 ug/mL (100 uL/Well) on the plate. Dose response curve for Biotinylated Anti-CD83 Antibody, hFc Tag with the EC50 15.3 ng/mL determined by ELISA.



SEC-HPLC

The purity of Human CD83 is greater than 95% as determined by SEC-HPLC.



Tris-Bis PAGE

Human CD83 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

Specification

Product Description

Human CD83 (Q01151-1, Thr20-Ala143) partial recombinant protein with hFc tag at C-Terminus expressed in HEK293 cells.

Sequence	Thr20-Ala143
Host	Human
Theoretical MW (kDa)	40.8
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 15.3 ng/mL, measured by ELISA at 0.5 ug/mL.
Quality Control Testing	SEC-HPLC and Tris-Bis PAGE SEC-HPLC The purity of Human CD83 is greater than 95% as determined by SEC-HPLC. Tris-Bis PAGE Human CD83 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 — CD83

Entrez GeneID	9308
Protein Accession#	Q01151-1
Gene Name	CD83
Gene Alias	BL11, HB15
Gene Description	CD83 molecule
Omim ID	604534
Gene Ontology	Hyperlink
Gene Summary	immunoglobulin superfamily) OTTHUMP00000016057 cell-surface glycoprotein
Other Designations	CD83 antigen CD83 antigen (activated B lymphocytes, immunoglobulin superfamily) OTTHUMP00000016057 cell-surface glycoprotein

Disease

- [Adenocarcinoma](#)
- [Carcinoma](#)
- [Cervical Intraepithelial Neoplasia](#)
- [Genetic Predisposition to Disease](#)
- [Neoplasm Invasiveness](#)
- [Papillomavirus Infections](#)
- [Uterine Cervical Neoplasms](#)