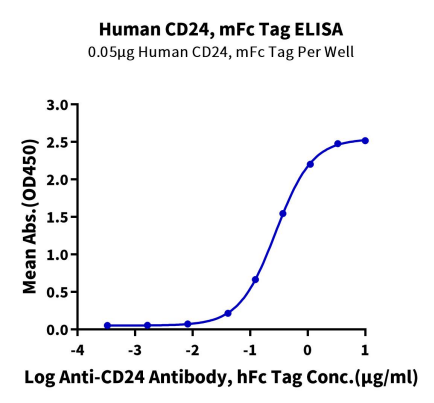
Bioactive CellTx™ HuPro®

CD24 (Human) Recombinant Protein

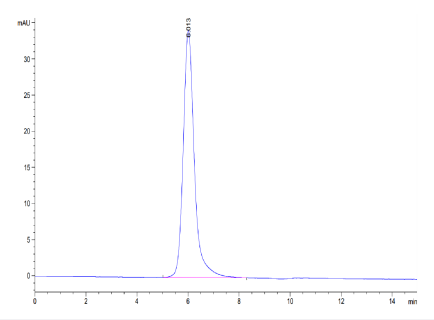
Catalog # P10152 Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

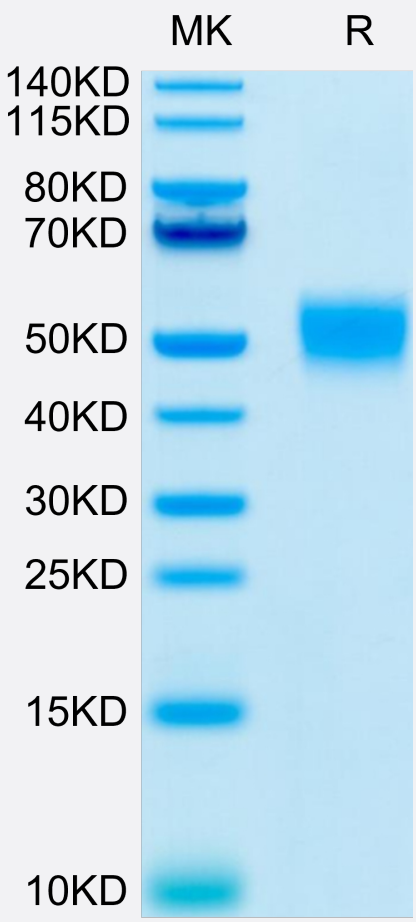
Immobilized Human CD24, mFc Tag at 0.5 ug/ml (100 ul/Well) on the plate. Dose response curve for Anti-CD24 Antibody, hFc Tag with the EC_{50} of 0.28 ug/ml determined by ELISA.



SEC-HPLC

The purity of Human CD24 is greater than 95% as determined by SEC-HPLC.

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Tris-Bis PAGE

Human CD24 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.

Specification

Product Description	Human CD24 (P25063-1, Ser27-Gly59) partial recombinant protein with mFc tag at C-terminus expr essed in HEK293 cells.
Sequence	Ser27-Gly59
Host	Human
Theoretical MW (kDa)	29.5
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)
Quality Control Testing	SEC-HPLC SEC-HPLC The purity of Human CD24 is greater than 95% as determined by SEC-HPLC. Tris-Bis PAGE Human CD24 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.

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Recommend Usage	Biological Activity ELISA SEC-HPLC Tris-Bis PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from filtered solution in PBS, pH 7.4 (5% trehalose).
Storage Instruction	After reconstitution with deionized water to a final concentration more than 100 ug/ml, store at 4°C for 1 week. For long term storage, store at -80°C for 1 year. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- Enzyme-linked Immunoabsorbent Assay

  Immobilized Human CD24, mFc Tag at 0.5 ug/ml (100 ul/Well) on the plate. Dose response curve for Anti-CD24 Antibody, hFc Tag with the EC_{50} of 0.28 ug/ml determined by ELISA.

Gene Info — CD24

Entrez GeneID	100133941
Protein Accession#	P25063-1
Gene Name	CD24
Gene Alias	CD24A, FLJ22950, FLJ43543, MGC75043
Gene Description	CD24 molecule
Gene Ontology	Hyperlink
Other Designations	CD24 antigen|CD24 antigen (small cell lung carcinoma cluster 4 antigen)

Disease

- Disease Progression
- Genetic Predisposition to Disease

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- Lupus Erythematosus
- Multiple Sclerosis
- Ovarian Neoplasms
- Sarcoidosis

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