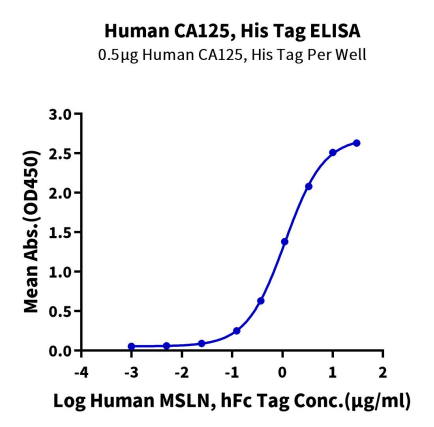
Bioactive | CellTx™ | HuPro®

MUC16 (Human) Recombinant Protein

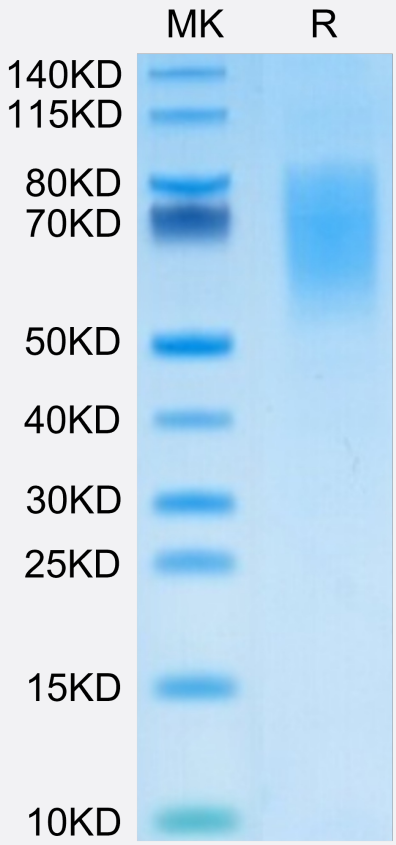
Catalog # P10179 Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

Immobilized Human CA125, His Tag at 5 ug/ml (100 ul/Well) on the plate. Dose response curve for Human MSLN, hFc Tag with the EC_{50} of 1.13 ug/ml determined by ELISA.



Tris-Bis PAGE

Human CA125 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

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Specification

Product Description	Human MUC16 (Q8WXI7, Gly12660-Met12923) partial recombinant protein with His-Avi tag at C-ter minus expressed in HEK293 cells.
Sequence	Gly12660-Met12923
Host	Human
Theoretical MW (kDa)	31.3
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)
Recommend Usage	Biological Activity ELISA 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 CA125, His Tag at 5 ug/ml (100 ul/Well) on the plate. Dose response curve for Human MSLN, hFc Tag with the EC_{50} of 1.13 ug/ml determined by ELISA.

Gene Info — MUC16

Entrez GeneID	94025
Protein Accession#	Q8WXI7

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Gene Name	MUC16
Gene Alias	CA125, FLJ14303
Gene Description	mucin 16, cell surface associated
Omim ID	606154
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	CA125 ovarian cancer antigen|mucin 16

Disease

- Genetic Predisposition to Disease
- Neoplasms
- Ovarian cancer
- Ovarian Neoplasms

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