

Bioactive

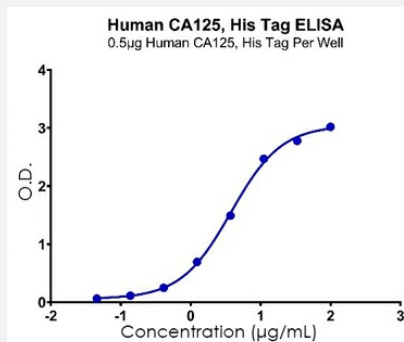
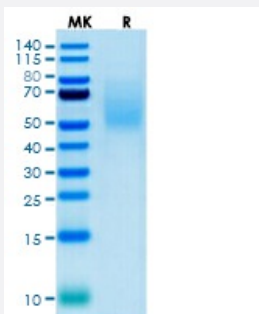
HuPro®

MUC16 (Human) Recombinant Protein

Catalog # P7658

Size 100 ug

Applications



Result of bioactivity analysis

Result of bioactivity analysis

Specification

Product Description

Human MUC16 (Q8WXI7, 12660 a.a. - 12923 a.a.) partial recombinant protein with His-Avi tag at C-terminus expressed in Expi293 cells.

Sequence

GFTHWIPVPTSSTPGTSTVDLGSGTPSSLPSPTTAGPLLVPFTLNFTITNLKYEEDMHCPGSRKFN
TTERVLQSLGPMFKNTSVGPLYSGCRLTLRSEKDGAATGVDAICTHRLDPKSPGVDREQLYWE
LSQLTNGIKELGPYTLDRNSLYVNGFTHQTSAPNTSTPGTSTVDLGTSQT_x005F_x005F_x005F_x
000D__x005F_x000D_ 12841PSSLPSPTSAGPLLVPFTLNFTITNLQYEEDMHHPGSRKFNTTERV
LQGLLGPMFKNTSV_x005F_x005F_x005F_x000D__x005F_x000D_ 12901GLLYSGCRLTLRP
EKNGAATGM

Host

Mammals

Theoretical MW (kDa)

50-80

Form	Lyophilized
Preparation Method	Mammalian cell (Expi293) expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	Immobilized Human CA125, His & Avi Tag at 5.0 ug/mL (100 uL/Well). Dose response curve for Human MSLN with the EC ₅₀ of 3.78 ug/mL determined by ELISA.
Quality Control Testing	SDS-PAGE under reducing condition
Storage Buffer	Lyophilized from sterile distilled Water up to 100 ug/mL
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis Result of bioactivity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — MUC16

Entrez GeneID	94025
Protein Accession#	Q8WXI7
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](#)