

Carbohydrate Antigen 125 (CA125) Recombinant Protein | CA125 recombinant protein

Recombinant Carbohydrate Antigen 125 (CA125)

CATALOG # AAA134068	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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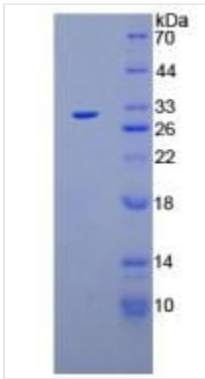
PRODUCT SYNONYMS

Carbohydrate Antigen 125 (CA125); Recombinant Carbohydrate Antigen 125 (CA125); CA125 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHS GSEFELR RQAC-TSGST VVTLEALFSS HLDPNLVKQV FLNKT LNASS HWLGATYQLK DLHVIDMKTS ILLPAEIPTT SSSSQHFNLN FTITNLPYSQ DIAQPSTTKY QQTKRSIENA LNQLFRNSSI KSYFSDCQVL AFRSVSNNNN HTGVDSL CNF SPLARRVDRV AIYEEFLRMT HNGTQLLNFT LDRKSVFVDG YSQNRDDDMV KNSGLPFWAI ILICLAVLLV LITCLMCCFL VTCRRKKEG DYQVQRHRLA YYLSHLDLRK LQ
Sequence Length	258
Applicable Applications for CA125 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Thr2~Gln258 (Accession # Q9D1H1) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	8.9
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

TSGSTVVTLEALFSSSHLDPNLVKQVFLNKTLNASSHWLGATYQLKDLHV
IDMKTSILLPAEIPPTSSSSQHFNLNFTITNLPYSQDIAQPSTTKYQQT
RSIENALNQLFRNSSIKSYFSDCQVLAFRSVSNNNHTGVDSLGNFSPLA
RRVDRVAIYEEFLRNTHNGTQLLNFTLDRKSVFVDGYSQNRDDVMKNSG
LPFWAILLICLAVLLVLITCLMCCFLVTVCRRKKEGDYQVQRHRLAYVLS
HLDLRKLQ

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	81904737
UniProt Accession #	Q9D1H1
Molecular Weight	31.7kDa
NCBI Official Full Name	18-day embryo whole body cDNA, RIKEN full-length enriched library, clone:1110008114 product:hypothetical SEA domain containing protein, full insert sequence
UniProt Protein Name	MCG4778
UniProt Gene Name	Muc16
UniProt Entry Name	Q9D1H1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/muc16-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134068>