Datasheet for ABIN7520341

MUC16 Protein (His tag)

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Overview

Quantity:	100 µg
Target:	MUC16 (CA125)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MUC16 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human MUC-16/CA125 Protein
Sequence:	GFTHWIPVPT SSTPGTSTVD LGSGTPSSLP SPTTAGPLLV PFTLNFTITN LKYEEDMHCP GSRKFNTTER VLQSLLGPMF KNTSVGPLYS GCRLTLLRSE KDGAATGVDA ICTHRLDPKS PGVDREQLYW ELSQLTNGIK ELGPYTLDRN SLYVNGFTHQ TSAPNTSTPG TSTVDLGTSG TPSSLPSPTS AGPLLVPFTL NFTITNLQYE EDMHHPGSRK FNTTERVLQG LLGPMFKNTS VGLLYSGCRL TLLRPEKNGA ATGM
Specificity:	Gly12660-Met12923
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.01EU/µg

Target Details

Target:	MUC16 (CA125)
Alternative Name:	MUC-16/CA125 (CA125 Products)

Target Details

Background:	Description: The CA125, also known as the MUC16, is a mucin protein that may be found in type I transmembrane or secreted forms that are used monitor the progress of epithelial ovarian cancer therapy. The CA 125 Molecule is almost certainly a glycoprotein with a predominance of O-linkages. It is heterogeneous with regard to both size and charge, most likely due to continuous deglycosylation of side chains during its life-span in bodily fluids. It exists as a very large complex (perhaps as much as 4 million daltons) under natural conditions. Name: CA125,MUC16,mucin-16
Gene ID:	94025
UniProt:	Q8WXI7

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid votex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Concentration:	0.7 mg/mL
Buffer:	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80°C for long term.|After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.