

Recombinant Human MUC17 protein, His-tagged

Cat. No. MUC17-0483H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUC17 protein(Q685J3)(4131-4390aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	4131-4390 a.a.
Tag	C-His
Form	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human MUC17 at 2 µg/mL can bind Anti-MUC17 recombinant antibody, the EC50 is 0.9057-1.259 ng/mL.
Molecular Mass	32.0kDa
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Purity	Greater than 95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.
AA Sequence	RTTTCFGDGCQNTASRCKNGGTWDGLKCQCPNLYYGELCEEVVSIDIGPPETISA QMELTVTVTSVKFTEELKNHSSQEFQEFKQTFTEQMNIVYSGIPEYVGVNITKLRLGS VVVEHDVLLRRTKYTPPEYKTVDNATEVVKETKVTQIMINDICSDMMCFNTTGTQ VQNITVTQYDPEEDCRKMAKEYGDYFVVEYRDQKPYCISPCEPGFSVSKNCNLGKC QMSLSGPQCLCVTTETHWYSGETCNQGTQKSL

GENE INFORMATION

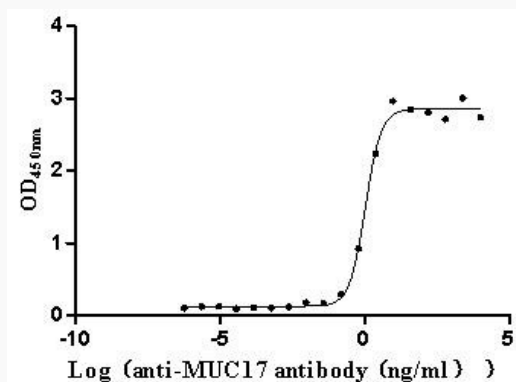
Gene Name	MUC17 mucin 17, cell surface associated [Homo sapiens]
Official Symbol	MUC17
Synonyms	MUC17; mucin 17, cell surface associated; mucin-17; MUC-3; MUC-17; membrane mucin MUC17; secreted mucin MUC17; small intestinal mucin-3; small intestinal mucin MUC3; MUC3;
Gene ID	140453
mRNA Refseq	NM_001040105
Protein Refseq	NP_001035194
MIM	608424
UniProt ID	Q685J3

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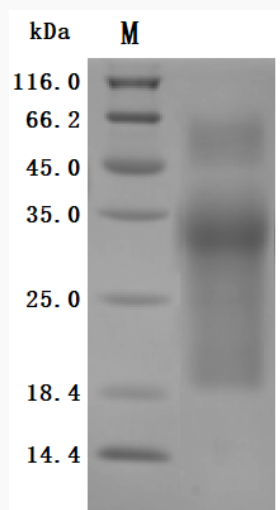
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Activity



SDS-PAGE



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