MUC-17 Protein, Human (HEK293, His)

Cat. No.:	HY-P78744
Synonyms:	Mucin-17; MUC-17; MUC17; MUC-3; MUC3
Species:	Human
Source:	HEK293
Accession:	Q685J3-1 (R4131-L4390)
Gene ID:	140453
Molecular Weight:	Approximately 20-35 kDa

PROPERTIES

AA Sequence	R T T T C F G D G C Q N T A S R C K N G G T W D G L K C Q C P N L Y Y G E L C E E V V S S I D I G P P E T I S A Q M E L T V T V T S V K F T E E L K N H S S Q E F Q E F K Q T F T E Q M N I V Y S G I P E Y V G V N I T K L R L G S V V V E H D V L L R T K Y T P E Y K T V L D N A T E V V K E K I T K V T T Q Q I M I N D I C S D M M C F N T T G T Q V Q N I T V T Q Y D P E E D C R K M A K E Y G D Y F V V E Y R D Q K P Y C I S P C E P G F S V S K N C N L G K C Q M S L S G P Q C L C V T T E T H W Y S G E T C N Q G T Q K S L
Biological Activity	Immobilized Human MUC-17 at 2 μg/mL (100 μL/well) can bind Anti- MUC-17 Antibody, The ED_{50} for this effect is ≤11.32 ng/mL.
Appearance	Lyophilized powder.
Formulation	Lyophilized a 0.22 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	MUC-17 protein likely functions in maintaining homeostasis on mucosal surfaces, contributing to the stability and equilibrium of these environments. Through interactions facilitated by its C-terminus, MUC-17 engages with PDZK1, and this association is crucial for its proper localization within the cellular context.

Caution: Product has not been fully validated for medical applications. For research use only.

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