

# Product Datasheet

## Recombinant Human MUC5AC GST (N-Term) Protein H00004586-Q01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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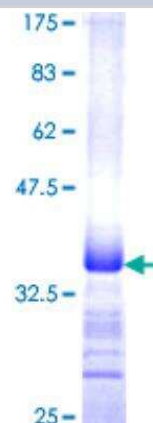


**H00004586-Q01-10ug****Recombinant Human MUC5AC GST (N-Term) Protein**

<b>Product Information</b>	
<b>Unit Size</b>	10 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>80% by SDS-PAGE and Coomassie blue staining
<b>Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
<b>Target Molecular Weight</b>	36.74 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with a N-terminal GST tag corresponding to the amino acid sequence 351-450 of Human Mucin 5AC</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  NQSTCAVYHRSLIIQQGCSSEPVRLAYCRGNCGDSSSMYSLEGNTVEHRC  QCCQELRTSLRNVTLHCTDGSSRAFSYTEVEECGCMGRRCPAPGDTQH</p>
<b>Gene ID</b>	4586
<b>Gene Symbol</b>	MUC5AC
<b>Species</b>	Human
<b>Preparation Method</b>	in vitro wheat germ expression system
<b>Details of Functionality</b>	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
<b>Recommended Dilutions</b>	Western Blot, ELISA, Protein Array, Immunoaffinity Purification

## Images

Recombinant Human Mucin 5AC Protein [H00004586-Q01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



## Publications

Knoop KA, McDonald KG, McCrate S et al. Microbial sensing by goblet cells controls immune surveillance of luminal antigens in the colon. *Mucosal Immunol.* 2014-07-09 [PMID: 25005358] (ELISA, Mouse)



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### **Products Related to H00004586-Q01-10ug**

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NBP2-31986PEP	MUC5AC Recombinant Protein Antigen
236-EG-200	EGF [Unconjugated]
NBP2-15196-0.1mg	MUC5AC Antibody (45M1)
210-TA-005	TNF-alpha [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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