

Recombinant Human MUC6 protein, His & GST-tagged

Cat. No. MUC6-7037H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUC6 aa. (Leu2338~Asp2439 (Accession # Q6W4X9)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu2338~Asp2439
Description	This gene encodes a member of the mucin protein family. Mucins are high molecular weight glycoproteins produced by many epithelial tissues. The protein encoded by this gene is secreted and forms an insoluble mucous barrier that protects the gut lumen.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 38.0kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.
Applications	SDS-PAGE; WB; ELISA; IP

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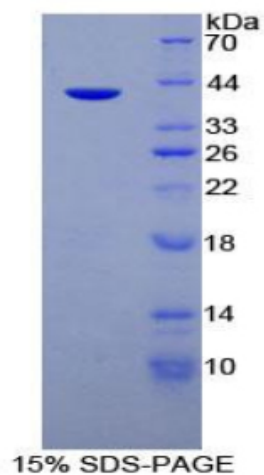
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
GENE INFORMATION	
Gene Name	MUC6 mucin 6, oligomeric mucus/gel-forming [Homo sapiens (human)]
Official Symbol	MUC6
Synonyms	MUC6; mucin 6, oligomeric mucus/gel-forming; MUC-6; mucin-6; gastric mucin-6
Gene ID	4588
mRNA Refseq	NM_005961.2
Protein Refseq	NP_005952.2
UniProt ID	Q6W4X9

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SDS-PAGE



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