Recombinant Human MUC3A Protein, His&GST-tagged

Cat. No. MUC3A-2463H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUC3A Protein (Asp2236-Val2356) with a N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asp2236-Val2356
Description	The mucin genes encode epithelial glycoproteins, some of which are secreted and some membrane bound. Each of the genes contains at least one large domain of tandemly repeated sequence that encodes the peptide sequence rich in serine and/or threonine residues, which carries most of the O-linked glycosylation (Gendler and Spicer, 1995 [PubMed 7778880]).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 45.7 kDa
Endotoxin	<1.0 EU per 1μg (determined by the LAL method).
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	MUC3A mucin 3A, cell surface associated [Homo sapiens (human)]
Official Symbol	MUC3A
Synonyms	MUC3A; mucin 3A, cell surface associated; MUC3; MUC-3A; mucin-3A intestinal mucin mucin 3, intestinal
Gene ID	4584
mRNA Refseq	NM_005960
Protein Refseq	NP_005951
MIM	158371
UniProt ID	Q02505

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA