

Recombinant Human MUC2 protein, His-tagged

Cat. No. MUC2-285H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUC2 protein(Cys5185-Gly5289), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	5185-5289 aa
Form	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Molecular Mass	12.5kDa
AASequence	MGHHHHHHSGSEF-CSTVPV TTEVSYAGCT KTVLMNHCSG SCGTFVMYSA KAQALDHSCS CCKEEKTSQR EVVLSCPNGG SLTHTYTHIE SCQCQDTVCG LPTGTSRRAR RSPRHLGSG
Endotoxin	<1.0EU per 1µg (determined by the LAL method).
Purity	> 80%
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Reconstitution	Reconstitute in ddH ₂ O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

 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

GENE INFORMATION

Gene Name	MUC2 mucin 2, oligomeric mucus/gel-forming [Homo sapiens]
Official Symbol	MUC2
Synonyms	MUC2; mucin 2, oligomeric mucus/gel-forming; mucin 2, intestinal/tracheal; mucin-2; intestinal mucin-2; mucin-like protein; MLP; SMUC; MUC-2;
Gene ID	4583
mRNA Refseq	NM_002457
Protein Refseq	NP_002448
MIM	158370
UniProt ID	Q02817

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