Recombinant Human Mucin 2, Oligomeric Mucus/Gel-Forming

Human, Recombinant (MUC2)
Expressed in E. coli
Cat. No. MUC2-1515H
Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview: Recombinant protein encoding human muc2 aa 4958-5180 expressed in E. coli.

Description: Mucins comprise a heterogeneous family of glycoproteins expressed by most specialized epithelial tissues of mucosal surfaces. MUC2 expression is detected in such human tissues as normal colon, breast, prostate, salivary gland, and in gastrointestinal, colonic, breast and prostate neoplasia. Of the known mucins, only MUC2, MUC5AC, and MUC5B are consistently associated with goblet cells.

Source: E. coli.

Suggested Applications: ELISA, Inhibition Assays, Western Blotting. The optimal dilution for a specific application should be determined by the investigator.

Supplied As: GST-MUC2 fusion protein was purified from E.coli and packaged at 100μg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA, 20% Glycerol.

Characterization: On SDS-PAGE commassie blue stained gel, the purified recombinant protein shows a band at 50 kDa including GST.

Storage And Stability: Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.

GENE INFORMATION

Gene Name: MUC2 mucin 2, oligomeric mucus/gel-forming [Homo sapiens]

Synonyms: MUC2; mucin 2, oligomeric mucus/gel-forming; MLP; SMUC; mucin 2, intestinal/tracheal; Mucin-2; MUC-2; Intestinal mucin-2

GenID: 8469
mRNA Refseq: NM_002457
Protein Refseq: NP_002448
UniProt ID: Q02817
Chromosome Location: 11p15.5
MIM: 158370
Pathway: Vibrio cholerae infection
Function: protein binding

REFERENCES