Recombinant Human MUC17 Protein, His-tagged

Cat. No. MUC17-607H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUC17(Thr3773~Thr3998) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr3773~Thr3998
Description	The protein encoded by this gene is a membrane-bound mucin that provides protection to gut epithelial cells. The encoded protein contains about 60 tandem repeats, with each repeat being around 60 aa. N-glycosylation enables the encoded protein to localize on the cell surface, while the C-terminus interacts with the scaffold protein PDZ domain containing 1 (PDZK1). Two transcript variants, one protein-coding and the other non-protein coding, have been found for this gene.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	24.3kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%

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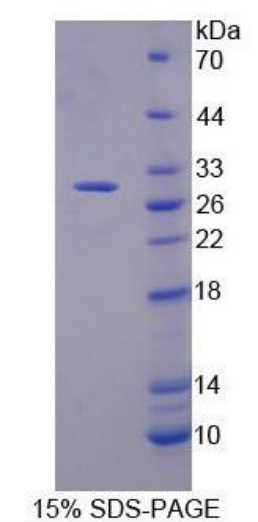
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	MUC17 mucin 17, cell surface associated [Homo sapiens]
Official Symbol	MUC17
Synonyms	MUC17; mucin 17, cell surface associated; mucin-17; MUC-3; MUC-17; membrane mucin MUC17; secreted mucin MUC17; small intestinal mucin-3; small intestinal mucin MUC3; MUC3;
Gene ID	140453
mRNA Refseq	NM_001040105
Protein Refseq	NP_001035194
MIM	608424

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UniProt ID	Q685J3



15% SDS-PAGE

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