Recombinant Human MUC13 protein, His & T7-tagged

Cat. No. MUC13-1506H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUC13 aa. (Ser174~Gln404 (Accession # Q9H3R2)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ser174~Gln404
Description	Epithelial mucins, such as MUC13, are a family of secreted and cell surface glycoproteins expressed by ductal and glandular epithelial tissues (Williams et al., 2001 [PubMed 11278439]).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.0kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
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,

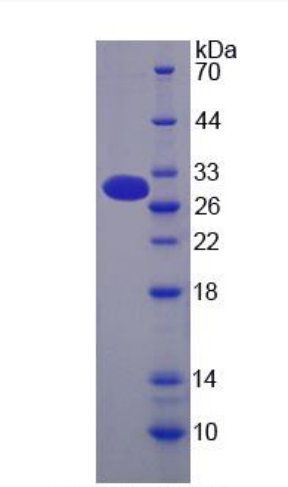
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	and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	5.1

GENE INFORMATION

Gene Name	MUC13 mucin 13, cell surface associated [Homo sapiens (human)]
Official Symbol	MUC13
Synonyms	MUC13; mucin 13, cell surface associated; DRCC1; MUC-13; mucin-13; down-regulated in colon cancer 1; mucin 13, epithelial transmembrane
Gene ID	56667
mRNA Refseq	NM_033049.3
Protein Refseq	NP_149038.3
UniProt ID	Q9H3R2

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SDS-PAGE	 15% SDS-PAGE

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