

Recombinant Human MUC12 Protein, GST-tagged

Cat. No. MUC12-5746H **Lot. No.** (See product label)

SPECIFICATION

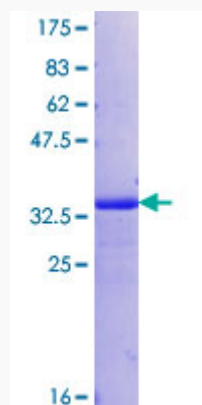
Product Overview	Human MUC12 partial ORF (XP_379904.2, 391 a.a. - 465 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes an integral membrane glycoprotein that is a member of the mucin family. Mucins are O-glycosylated proteins that play an essential role in forming protective mucous barriers on epithelial surfaces and have been implicated in epithelial renewal and differentiation. These glycoproteins also play a role in intracellular signaling. This protein is expressed on the apical membrane surface of epithelial cells that line the mucosal surfaces of many different tissues including the colon, pancreas, prostate, and uterus. The expression of this gene is downregulated in colorectal cancer tissue. [provided by RefSeq, Apr 2017]
Molecular Mass	33.99 kDa
AA Sequence	SQRKRHREQYDVPQEWKRGTPGIFQKTAIWEDQNLRESRFGLNAYNNFRPTLE TVDSGTELHIQRPEMVASTV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	MUC12 mucin 12, cell surface associated [Homo sapiens (human)]
Official Symbol	MUC12
Synonyms	MUC12; mucin 12, cell surface associated; MUC11; MUC-11; MUC-12; mucin-12; mucin-11
Gene ID	10071
mRNA Refseq	NM_001164462
Protein Refseq	NP_001157934
MIM	604609
UniProt ID	Q9UKN1

Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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