

Recombinant Human MUC20 Protein, GST-tagged

Cat. No. MUC20-5749H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MUC20 full-length ORF (AAH44243.1, 1 a.a. - 538 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the mucin protein family. Mucins are high molecular weight glycoproteins secreted by many epithelial tissues to form an insoluble mucous barrier. The shorter isoform expressed by this gene is localized to the plasma membrane, whereas the longer isoform might be secreted. The C terminus of this protein associates with the multifunctional docking site of the met proto-oncogene and suppresses activation of some downstream met signaling cascades. The protein features a tandem repeat domain that varies between 2 and 6 copies in most individuals. The allele represented in the human reference assembly contains 12 copies. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Molecular Mass	81.6 kDa
AA Sequence	MGCLWGLALPLFFFCWEVGVSGSSAGPSTRRADTAMTTDDTEVPAMTLAPGHAAL ETQTLAETSSRASTPAGPIPEAETRGAKRISPARETRSFTKTSPNFMVLIATSVETS AASGSPEGAGMTTVQTITGSDPEEAIFDTLCTDDSSSEEAKLTMDILTLAHTSTEAKG LSSESSASSDGPHPVITPSRASESSASSDGPHPVITPSRASESSASSDGPHPVITPS

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WSPGSDVTLLAEALVTVTNIEVINCSITEIETTTSSIPGASDIDLIPTEGVKASSTSDPPA
 LPDSTEAKPHITEVTASAETLSTAGTTESAAPHATVGTPLPTNSATEREVTAPGATTL
 SGALVTVSRNPLEETSALS SVETPSYVKVSGAAPVSIEAGSAVGKTTSFAGSSASSYS
 PSEAALKNFTPSETPTMDIATKGPFPSTSRDPLPSVPPTTTNSSRGNTSLAKITTSK
 TTMKPPTATPTTARTRPTTDVSAGENGGLLLRLSVASPEDLTDPRAERLMQQLH
 RELHAHAPHFQVSLLRVRRG

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

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

[MUC20 mucin 20, cell surface associated \[Homo sapiens \]](#)

Official Symbol

[MUC20](#)

Synonyms

MUC20; mucin 20, cell surface associated; mucin-20; FLJ14408; KIAA1359;
 transmembrane mucin MUC20S; MUC-20; FLJ53153;

Gene ID

[200958](#)

mRNA Refseq

[NM_001098516](#)

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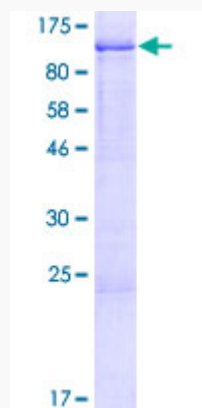
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Protein Refseq NP_001091986

MIM 610360

UniProt ID Q8N307

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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