

Recombinant Human MUC20 cell lysate

Cat. No. MUC20-1154HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	MUC20 mucin 20, cell surface associated [Homo sapiens]
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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
Protein Refseq	NP_001091986
MIM	610360
UniProt ID	Q8N307
Chromosome Location	3q29
Pathway	Metabolism of proteins, organism-specific biosystem; O-linked glycosylation of mucins, organism-specific biosystem; Post-translational protein modification, organism-specific biosystem; Signaling events mediated by Hepatocyte Growth Factor Receptor (c-Met), organism-specific biosystem; Termination of O-glycan biosynthesis, organism-specific biosystem;

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