

Recombinant Human MUC4 Protein, GST-tagged

Cat. No. MUC4-5750H **Lot. No.** (See product label)

SPECIFICATION

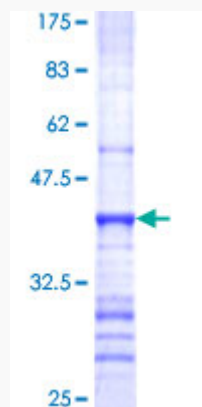
Product Overview	Human MUC4 partial ORF (NP_004523, 79 a.a. - 188 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The major constituents of mucus, the viscous secretion that covers epithelial surfaces such as those in the trachea, colon, and cervix, are highly glycosylated proteins called mucins. These glycoproteins play important roles in the protection of the epithelial cells and have been implicated in epithelial renewal and differentiation. This gene encodes an integral membrane glycoprotein found on the cell surface, although secreted isoforms may exist. At least two dozen transcript variants of this gene have been found, although for many of them the full-length transcript has not been determined or they are found only in tumor tissues. This gene contains a region in the coding sequence which has a variable number (>100) of 48 nt tandem repeats. [provided by RefSeq]
Molecular Mass	37.84 kDa
AA Sequence	GVSLFPYGADAGDLEFVRRRTVDFTSPLFKPATGFPLGSSLRDSLYFTDNGQIIFPESD YQIFSYPNPLPTGFTGRDPVALVAPFWDDADFSTGRGTTFYQEYETFYGEHS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	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	MUC4 mucin 4, cell surface associated [Homo sapiens]
Official Symbol	MUC4
Synonyms	MUC4; mucin 4, cell surface associated; mucin 4, tracheobronchial; mucin-4; testis mucin; tracheobronchial mucin; ascites sialoglycoprotein; pancreatic adenocarcinoma mucin; ASGP; MUC-4; HSA276359;
Gene ID	4585
mRNA Refseq	NM_004532
Protein Refseq	NP_004523
MIM	158372
UniProt ID	Q99102

Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA