

Recombinant Human MUC7 Protein, GST-tagged

Cat. No. MUC7-5751H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MUC7 partial ORF (NP_689504, 36 a.a. - 135 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a small salivary mucin, which is thought to play a role in facilitating the clearance of bacteria in the oral cavity and to aid in mastication, speech, and swallowing. The central domain of this glycoprotein contains tandem repeats, each composed of 23 amino acids. The most common allele contains 6 repeats, and some alleles may be associated with susceptibility to asthma. Alternatively spliced transcript variants with different 5 UTR, but encoding the same protein, have been found for this gene
Molecular Mass	36.74 kDa
AA Sequence	HQSPKSHFELPHYPGLLAHQKPFIRKSYKCLHKRCRPKLPPSPNNPPKFPNPHQPP KHPDKNSSVVNPTLVATTQIPSVTFPSASTKITTLPNVTFLPQN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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

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

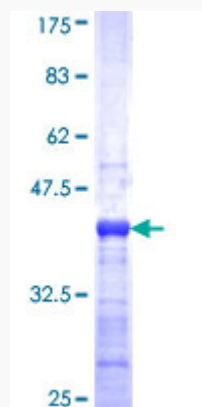
 45-1 Ramsey Road, Shirley, NY 11967, USA

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	MUC7 mucin 7, secreted [Homo sapiens]
Official Symbol	MUC7
Synonyms	MUC7; mucin 7, secreted; mucin 7, salivary; mucin-7; FLJ27047; MG2; MUC-7; apo-MG2; salivary mucin-7; MGC34772; DKFZp686J03256;
Gene ID	4589
mRNA Refseq	NM_001145006
Protein Refseq	NP_001138478
MIM	158375
UniProt ID	Q8TAX7

 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

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