Recombinant Human MUC7

Cat. No. MUC7-28540TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human MUC7 with N terminal proprietary tag, 41kDa.
Species	Human
Source	E.coli
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 Weight	41.000kDa
Tissue specificity	Expressed in salivary gland tissues and only in those that contain mucous acinar cells (e.g. sublingual and submandibular glands) and not in salivary glands containing only serous acinar cells (e.g. parotid gland).
Form	Lyophilised:Add 100ul of distilled water.
Storage buffer	pH: 6.80Constituents:1.58% Tris HCl, 3.09% DTT, 4% SDS, 0.2% Bromophenol blue, 20% Sucrose

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

Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

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;
Gene ID	4589
mRNA Refseq	NM_001145006
Protein Refseq	NP_001138478
MIM	158375
Uniprot ID	Q8TAX7
Chromosome Location	4q13.3
Pathway	Salivary secretion, organism-specific biosystem; Salivary secretion, conserved biosystem;
Function	protein binding;

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