

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: 6.80 Constituents: 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