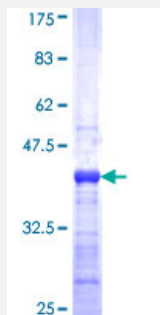


MUC7 (Human) Recombinant Protein (Q01)

Catalog # H00004589-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MUC7 partial ORF (NP_689504, 36 a.a. - 135 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	HQSPKSHFELPHYPGLLAHQKPFIRKSYKCLHKRCRPKLPPSPNPPKFPNPHQPPKHPDKNSS VVNPTLVATTQIPSVTFPSASTKITTLPNVTFLPQN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MUC7

Entrez GeneID [4589](#)

GeneBank Accession# [NM_152291](#)

Protein Accession# [NP_689504](#)

Gene Name MUC7

Gene Alias DKFZp686J03256, FLJ27047, MG2, MGC34772

Gene Description mucin 7, secreted

Omim ID [158375 600807](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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

Other Designations mucin 7, salivary

Publication Reference

- [Saliva in Prader-Willi syndrome: quantitative and qualitative characteristics.](#)

Saeves R, Reseland JE, Kvam BM, Sandvik L, Nordgarden H.

Archives of Oral Biology 2012 Oct; 57(10):1335.

Application: Quant, Human, Human saliva

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Respiration Disorders](#)
- [Respiratory Syncytial Virus Infections](#)