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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MUC7 (Human) Recombinant Protein (Q01)

Catalog Number: H00004589-Q01

Regulation Status: For research use only (RUO)

Product Description: Human MUC7 partial ORF (NP_689504, 36 a.a. - 135 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

HQSPKSHFELPHYPGLLAHQKPFIRKSYKCLHKRCRP
KLPPSPNNPPKFPNPHQPPKHPDKNSSVVNPTLVATT
QIPSVTFPSASTKITTLPNVTFPLPQN

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.74

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 4589

Gene Symbol: MUC7

Gene Alias: DKFZp686J03256, FLJ27047, MG2, MGC34772

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]

References:

1. Saliva in Prader-Willi syndrome: Quantitative and qualitative characteristics. Saeves R, Reseland JE, Kvam BM, Sandvik L, Nordgarden H. Arch Oral Biol. 2012 Jun 4.