

Recombinant Human MUC2 protein, His-tagged

Cat. No. MUC2-3254H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUC2 protein(Q02817)(36-240aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	36-240aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	28.8 kDa
AA Sequence	VCSTWGNFHYKTFDGDVFRFPGLCDYNFASDCRGSYKEFAVHLKRGPGQAEAPAG VESILLTIKDDTIYLTRHLAVLNGAVVSTPHYSPGLLIEKSDAYTKVYSRAGLTLMWNR EDALMLELDTKFRNHTCGLCGDYNGLQSYSEFLSDGVLFSPLEFGNMQKINQPDVV CEDPEEEVAPASCSEHRAECERLLTAEAFADCQDL
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	MUC2 mucin 2, oligomeric mucus/gel-forming [Homo sapiens]
Official Symbol	MUC2
Synonyms	MUC2; mucin 2, oligomeric mucus/gel-forming; mucin 2, intestinal/tracheal; mucin-2; intestinal mucin-2; mucin-like protein; MLP; SMUC; MUC-2;
Gene ID	4583
mRNA Refseq	NM_002457
Protein Refseq	NP_002448
MIM	158370
UniProt ID	Q02817

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