

Recombinant Human MUC5AC protein, His-tagged

Cat. No. MUC5AC-16H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUC5AC fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	Mucin 5AC (Muc5AC) is a protein that in humans is encoded by the MUC5AC gene.
Form	In 1M Urea, 50mM Tris pH 8.
Molecular Mass	predicted mol wt 23 kDa
AA Sequence	LDDIGQTGCVPVSKCACVYNGAAYAPGATYSTDCNTCTCSGGRWSCQEVPCPG
Purity	>80% (SDS-PAGE)
Applications	Suitable as a blocking agent using corresponding antibodies.
Notes	The protein solution should be gently mixed before use. Optimal concentrations and conditions for each application should be determined by the user.
Storage	storage at -20 centigrade. avoid repeated freeze/thaw cycles.
Concentration	1 mg/ml

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GENE INFORMATION

Gene Name	MUC5AC mucin 5AC, oligomeric mucus/gel-forming [Homo sapiens]
Official Symbol	MUC5AC
Synonyms	MUC5AC; mucin 5AC, oligomeric mucus/gel-forming; mucin 5, subtypes A and C, tracheobronchial/gastric; mucin-5AC; MUC5; gastric mucin; tracheobronchial mucin; major airway glycoprotein; lewis B blood group antigen; mucin-5 subtype AC, tracheobronchial; mucin 5AC, oligomeric mucus/gel-forming pseudogene; TBM; leB;
Gene ID	4586
mRNA Refseq	NM_001304359
Protein Refseq	NP_001291288
MIM	158373
UniProt ID	P98088
Chromosome Location	11p15.5
Pathway	Metabolism of proteins, organism-specific biosystem; O-linked glycosylation of mucins, organism-specific biosystem; Post-translational protein modification, organism-specific biosystem; Termination of O-glycan biosynthesis, organism-specific biosystem;
Function	extracellular matrix structural constituent;

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