

Mucin 4 (MUC4) Recombinant Protein | MUC4 recombinant protein

Recombinant Mucin 4 (MUC4)

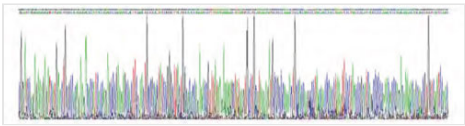
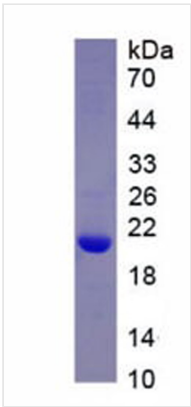
CATALOG # AAA20217	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

Mucin 4 (MUC4); Recombinant Mucin 4 (MUC4); MUC4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .
Concentration	Original Concentration: 1500ug/mL (varies by lot)
Applicable Applications for MUC4 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Pro1154~Glu1309
Tags	N-terminal His Tag
Subcellular Location	Membrane, Secreted
Traits	Freeze-dried powder
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Gene Sequencing (Extract)

SDS-PAGE

PFWDDAD FSTGRGTFY QEYETFYGEH SLLVQQAESW IRKMTNNGGY
KARWALKVTW VNAHAYPAQH TLGSNTYQAI LSTDGSRSYA LFLYQSGGMQ
WDVAQRSGNP VLMGFSSGDG YFENSPLMSQ PVWERYRPDR FLNSNSGLQG
LQFYRLHRE

Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	112382233
NCBI GeneID	4585
NCBI Accession #	NP_004523.3
NCBI GenBank Nucleotide #	NM_004532.5
UniProt Accession #	Q99102; O95938; Q9GZM2; Q9GZV6; Q9H481; Q9H482; Q9H483; Q9H484; Q9H485; Q9H486; Q9H487; Q9H4D6
Molecular Weight	Predicted Molecular Mass: 21.9kDa Accurate Molecular Mass: 22kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	mucin-4 isoform d
NCBI Official Synonym Full Names	mucin 4, cell surface associated
NCBI Official Symbol	MUC4
NCBI Official Synonym Symbols	ASGP; MUC-4; HSA276359
NCBI Protein Information	mucin-4; testis mucin; tracheobronchial mucin; ascites sialoglycoprotein; mucin 4, tracheobronchial; pancreatic adenocarcinoma mucin
UniProt Protein Name	Mucin-4
UniProt Gene Name	MUC4
UniProt Synonym Gene Names	MUC-4; ASGP; ASGP-1; ASGP-2
UniProt Entry Name	MUC4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.