

Mucin 1 (MUC1) Recombinant Protein | MUC1 recombinant protein

Recombinant Mucin 1 (MUC1)

CATALOG # AAA134112	HOST E.coli	REACTIVITY Rattus norvegicus (Rat)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Mucin 1 (MUC1); Recombinant Mucin 1 (MUC1); MUC1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 90%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 70ug/mL (varies by lot)
Sequence	SPTIPAISSH STVSSSSYY S TAVFPTFSSN SSPQLSVGVS FFSLSFYIRN HPFNSSLEDP SSRRYYQELKR NISGLFLQVF NGDFLGVSTI KFRSGSVVVA STVIFREGTF SASEVKSQLV QHKKEAADYN LTISEVNVNE MQFPSSAQSW PGVPGWGIAL LVLVCILVAL VIVYLIALAL CQCRKSYGQ LDLFPTRDTY HPMSEYPTYH THGRYVPPAT TKRSPYEEVS TNGGSSGLSY TNPVATTSA NL
Applicable Applications for MUC1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ser404~Leu655
Tags	N-terminal His and GST Tag
Subcellular Location	Membrane, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	6.6
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-0.25 mg/mL. Do not vortex.
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.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	196115501
NCBI GeneID	24571
NCBI Accession #	NP_036734.1
NCBI GenBank Nucleotide #	NM_012602.1
UniProt Accession #	B2GV31; F1LMZ5
Molecular Weight	Predicted Molecular Mass: 57.6kDa Accurate Molecular Mass: 58kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	mucin-1
NCBI Official Synonym Full Names	mucin 1, cell surface associated
NCBI Official Symbol	Muc1
NCBI Protein Information	mucin-1; Mucin1; mucin 1, transmembrane
UniProt Protein Name	Muc1 protein
UniProt Gene Name	Muc1
UniProt Entry Name	B2GV31_RAT

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.