

Mucin 2 (MUC2) Recombinant Protein | MUC2 recombinant protein

Recombinant Mucin 2 (MUC2)

CATALOG # AAA133915	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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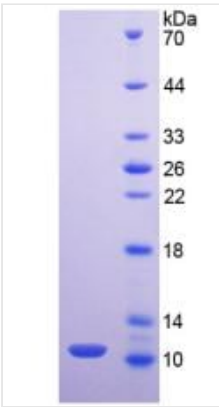
PRODUCT SYNONYMS

Mucin 2 (MUC2); Recombinant Mucin 2 (MUC2); MUC2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHS GSEF-AR SRNHVCSTWG DFHYKTFDGD VYRFPGLCDY NFASDCRDSY KEFAVHLKRG LGEAGGHSQI ESILITIKDD TIYLTHKLAV VN
Sequence Length	2680
Applicable Applications for MUC2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Ala27~Asn110 (Accession # Q80Z19) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



ARSR NHVCSTWGDF HYKTFDGDVY
RFPGLCDYNF ASDCRDSYKE FAVHLKRGLG EAGGHSQIES ILITIKDDTI
YLTHKLAVVN

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	239977559
NCBI GeneID	17831
UniProt Accession #	Q80Z19; Q0P637; Q80Z17; Q8K0Q1; Q9CVG8; Q9Z2U5
Molecular Weight	11.1kDa
NCBI Official Full Name	Mucin-2
NCBI Official Synonym Full Names	mucin 2
NCBI Official Symbol	Muc2
NCBI Official Synonym Symbols	MCM; wnn; 2010015E03Rik
NCBI Protein Information	mucin-2; colonic mucin; secreted gel-forming mucin
UniProt Protein Name	Mucin-2
UniProt Gene Name	Muc2
UniProt Synonym Gene Names	MUC-2; MCM
UniProt Entry Name	MUC2_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/muc2-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/133915>