

Mucin-15/MUC15 Recombinant Protein | MUC15 recombinant protein

Recombinant Human Mucin-15/MUC15 Protein (C-6His)

CATALOG #
AAA174024

HOST
Human Cells

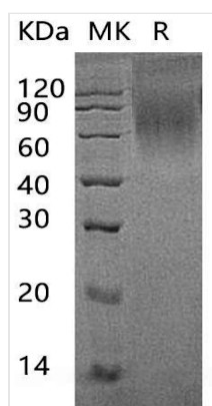
PRODUCT SYNONYMS

Mucin-15/MUC15; Recombinant Human Mucin-15/MUC15 Protein (C-6His); Mucin-15; MUC-15; MUC15; MUC15 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	>95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Sequence Positions	Lys24-Thr236
Sequence Length	361
Species	Human
Endotoxin	<1.0 EU per ug as determined by LAL test.
Fusion Tag	C-6His
Reconstitution	We recommend that the vial be centrifuged to opening to the contents to the bottom. Do not mix by vortex. It is recommended that the sterile water be added to the vial to prepare a stock solution of 0.25 mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Lyophilized proteins are stable for up to 12 months when stored at -20°C to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for MUC15 recombinant protein	Mucin-15 is a single-pass type I membrane protein member of the Mucin family. Mucins are a family of high molecular weight, heavily glycosylated proteins (glycoconjugates) produced by epithelial tissues in most metazoans. A key characteristic of Mucins is their ability to form gels. Therefore they are a key component in most gel-like secretions, serving functions from lubrication to cell signalling to forming chemical barriers. Mucin-15 is expressed in many tissues. Mucin-15 is highly glycosylated (N- and O-linked carbohydrates). Mucin-15 may play a role in the cell adhesion to the extracellular matrix.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	205360923
NCBI GeneID	143662
NCBI Accession #	NP_001128563.1
NCBI GenBank Nucleotide #	NM_001135091.1
UniProt Accession #	Q8N387; Q6UWS3; Q8IXI8; Q8WW41; B3KY00; E9PII6; F8W945
Molecular Weight	Molecular Mass: 24.1 kDa Actual Protein Molecular Mass: 74 kDa
NCBI Official Full Name	mucin-15 isoform a
NCBI Official Synonym Full Names	mucin 15, cell surface associated
NCBI Official Symbol	MUC15
NCBI Official Synonym Symbols	PAS3; MUC-15; PASIII
NCBI Protein Information	mucin-15
UniProt Protein Name	Mucin-15
UniProt Gene Name	MUC15
UniProt Synonym Gene Names	MUC-15

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.