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Datasheet for ABIN2115432 MUC15 Protein (AA 24-236) (His tag)

Overview

Quantity:	50 µg
Target:	MUC15
Protein Characteristics:	AA 24-236
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MUC15 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Mucin-15/MUC15 (C-6His)
Sequence:	KENQDINTTQ NIAEVFKTME NKPISESEA NLNSDKENIT TSNLKASHSP PLNLPNNSHG ITDFSSNSSA EHSLGSLKPT STISTSPPLI HSFVSKVPWN APIADEDLLP ISAHPNATPA LSSNFTWSL VNDTVKTPDN SSITVSILSS EPTSPSVTPL IVEPSGWLTT NSDSFTGFIP YQEKTTLQPT LKFTNNSKLF PNTSDPQKEN RNTVDHHHHH H
Characteristics:	Recombinant Human Mucin-15/MUC15 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Lys24-Thr236) of Human MUC15 fused with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	MUC15
Alternative Name:	Mucin-15/MUC15 (MUC15 Products)
Background:	<p>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.</p> <p>Synonyms: Mucin-15, MUC-15, MUC15</p>
Molecular Weight:	24.14 kDa
UniProt:	Q8N387

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>