

## 32-7748: Recombinant Human Mucin-15/MUC15 (C-6His)

**Gene :** MUC15  
**Gene ID :** 143662  
**Uniprot ID :** Q8N387

### Description

Source: Human Cells.  
MW :24.14kD.

Recombinant Human Mucin-15 is produced by our Mammalian expression system and the target gene encoding Lys24-Thr236 is expressed with a 6His tag at the C-terminus. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** KENQDINTTQNIAEVFKTMENKPISLESEANLNSDKENITTSNLKASHSPPLNLPNNSHGITDFSSNSSAEHSLGS LKPTSTISTSPPLIHSFVSKVPWNAPIADEDLLPISAHPNATPALSSNFWSLVNDTVKTPDNSSITVSILSSEPTS PSVTPLIVEPSGWLTTNSDSFTGFIPYQEKTTLQPTLKFTNNSKLPNTSDPQKENRNTVDHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.