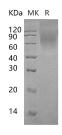
Recombinant Human Mucin-15/MUC15 Protein (His Tag)

Catalog No. PKSH032766

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Synonyms	Mucin-15;MUC-15;MUC15
Species	Human
Expression Host	HEK293 Cells
Sequence	Lys24-Thr 236
Accession	AAH58007.1
Calculated Molecular Weight	24.1 kDa
Observed molecular weight	74 kDa
Tag	C-His
Bioactivity	Not validated for activity
Properties	
Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.
Reconstitution	Please refer to the specific buffer information in the printed manual.

Data



> 90 % as determined by reducing SDS-PAGE.

Background

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

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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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