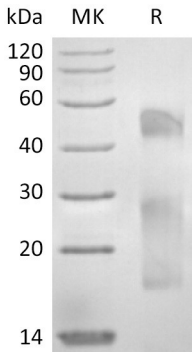
Product Name: Recombinant Human Mucin-17 (C-6His)
Catalog #: PHH2433

Summary

Name	Mucin-17/MUC-17
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Mucin-17 is produced by our Mammalian expression system and the target gene encoding Arg4131-Leu4390 is expressed with a 6His tag at the C-terminus.
Accession #	Q685J3
Host	Human Cells
Species	Human
Predicted Molecular Mass	30.1 kDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



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Background

Alternative Names	Mucin-17, MUC-17, MUC17, MUC3, MUC-3
Background	Mucins are key components of the mucosal barrier in the stomach that protects epithelia from carcinogenic effects of chronic inflammation. Analysis of The Cancer Genome Atlas database indicated that mucin17 (MUC17) was more highly expressed in gastric cancer (GC) specimens, with favourable prognosis for patients. And that p38 signalling is a key factor involved in MUC17-mediated inhibition of GC cell proliferation and protection against inflammatory stimulation, MUC17 upregulates the expression of MYH9 and p53, and activates the p38 pathway in GC cells through RhoA signalling.

Note

For Research Use Only , Not for Diagnostic Use.