

PRODUCT INFORMATION

Target	MUC17
Synonyms	MUC3, MUC-3, MUC-17
Description	Recombinant human MUC17(4131-4390) Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q685J3
Expression Host	HEK293
Tag	C-6×His tag
Molecular Characterization	MUC17(Arg4131-Leu4390) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 30.1 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
Background	The protein encoded by this gene is a membrane-bound mucin that provides protection to gut epithelial cells. The encoded protein contains about 60 tandem repeats, with each repeat being around 60 aa. N-glycosylation enables the encoded protein to localize on the cell surface, while the C-terminus interacts with the scaffold protein PDZ domain containing 1 (PDZK1). Two transcript variants, one protein-coding and the other non-protein coding, have been found for this gene. [provided by RefSeq, Nov 2015]
Usage	Research use only
Conjugate	Unconjugated



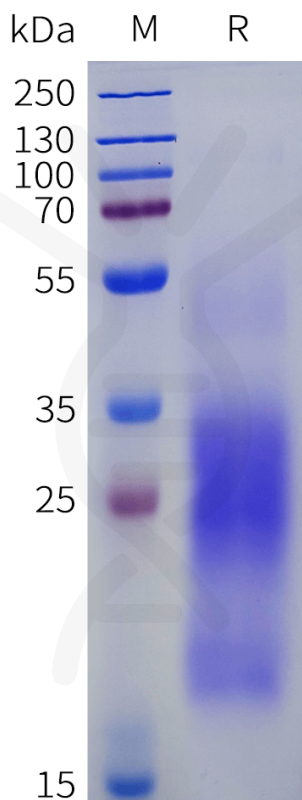


Figure 1. Human MUC17(4131-4390) Protein, His Tag on SDS-PAGE under reducing condition.

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