

## MUC15 recombinant protein

Recombinant Human MUC15 Protein

|                               |                            |                            |                                                      |
|-------------------------------|----------------------------|----------------------------|------------------------------------------------------|
| CATALOG #<br><b>AAA263244</b> | HOST<br><b>Human cells</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>SDS-Page, Western Blot, ELISA</b> |
|-------------------------------|----------------------------|----------------------------|------------------------------------------------------|

### PRODUCT SYNONYMS

MUC15; Recombinant Human MUC15 Protein; Mucin-15; MUC-15; MUC15 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                  | Human cells                                                                                                                                                                                                                                                                    |
| Reactivity                                            | Human                                                                                                                                                                                                                                                                          |
| Purity/Purification                                   | Greater than 95% as determined by reducing SDS-PAGE.                                                                                                                                                                                                                           |
| Form/Format                                           | Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.                                                                                                                                                                                                    |
| Sequence                                              | KENQDINTTQ NIAEVFKTME NKPISLESEA NLNSDKENIT TSNLKASHSP PLNLPNNSHG ITDFSSNSSA EHSLSGLKPT STISTSPPLI HSFVSKVPWN APIADEDLLP ISAHNPATPA LSSENFTWSL VNDTVKTPDN SSITVSILSS EPTSPSVTPL IVEPSGWLTT NSDSFTGFIP YQEKTTLQPT LKFTNNSKLF PNTSDPQKEN RNTVDHHHHH H                            |
| Sequence Length                                       | 361                                                                                                                                                                                                                                                                            |
| Applicable Applications for MUC15 recombinant protein | MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA                                                                                                                                                                                                                     |
| Endotoxin                                             | Less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.                                                                                                                                                                                                                      |
| Directions for Use                                    | 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 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |
| Preparation and Storage                               | Lyophilized protein should be stored at -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.                     |

### ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                          |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for MUC15 recombinant protein | Recombinant Human MUC15 Protein is produced by our mammalian expression system and the target gene encoding Lys24-Thr236 is expressed with a 6His tag at the C-terminus. |
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### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">205360923</a>                                                                                                                                                    |
| NCBI GeneID                      | <a href="#">143662</a>                                                                                                                                                       |
| NCBI Accession #                 | <a href="#">NP_001128563.1</a>                                                                                                                                               |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001135091.1</a>                                                                                                                                               |
| UniProt Accession #              | <a href="#">Q8N387</a> ; <a href="#">Q6UWS3</a> ; <a href="#">Q8IXI8</a> ; <a href="#">Q8WW41</a> ; <a href="#">B3KY00</a> ; <a href="#">E9PII6</a> ; <a href="#">F8W945</a> |
| NCBI Official Full Name          | mucin-15 isoform a                                                                                                                                                           |
| NCBI Official Synonym Full Names | mucin 15, cell surface associated                                                                                                                                            |

|                               |                      |
|-------------------------------|----------------------|
| NCBI Official Symbol          | MUC15                |
| NCBI Official Synonym Symbols | PAS3; MUC-15; PASIII |
| NCBI Protein Information      | mucin-15             |
| UniProt Protein Name          | Mucin-15             |
| UniProt Gene Name             | <b>MUC15</b>         |
| UniProt Synonym Gene Names    | MUC-15               |
| UniProt Entry Name            | MUC15_HUMAN          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/muc15-recombinant-protein-human-cells-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263244>