

# Recombinant Human Retnla, Flag-tagged

**Cat. No.** Retnla-3714M    **Lot. No.** (See product label)

## SPECIFICATION

|                                 |                                                                                                                                                                                                                                                                |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>         | Total 121 AA. MW: 13.3 kDa (calculated). N-Terminal signal sequence of phage fd 20 AA and C terminal Flag-tag 10 AA highlighted).                                                                                                                              |
| <b>Species</b>                  | Human                                                                                                                                                                                                                                                          |
| <b>Source</b>                   | E.coli                                                                                                                                                                                                                                                         |
| <b>Form</b>                     | Filtered (0,4 µm) and lyophilized in 0.5 mg/mL in 5mM Tris, 25mM NaCl, pH 7.5.                                                                                                                                                                                 |
| <b>Research topic</b>           | Animal studies; Energy metabolism and body weight regulation                                                                                                                                                                                                   |
| <b>Purity</b>                   | >95%                                                                                                                                                                                                                                                           |
| <b>Reconstitution</b>           | Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture. |
| <b>Applications</b>             | Western blotting                                                                                                                                                                                                                                               |
| <b>Quality Control Test</b>     | BCA to determine quantity of the protein; SDS PAGE to determine purity of the protein                                                                                                                                                                          |
| <b>Sequences of amino acids</b> | MKKLLFAIPL VVPFYSHSTM VNTDETIEII VENKVKELLA NPANYPSTVT<br>KTLSCTSVKT MNRWASCPAG MTATGCACGF ACGSWEIQSG DTCNCLCLLV<br>DWTTARCCQL SLEDYKDDDD K                                                                                                                    |

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**Storage**

Store lyophilized protein at -20°C. Lyophilized protein remains stable until the expiry date when stored at -20°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after one week at 4°C.

**GENE INFORMATION**
**Gene Name**

[Retnla resistin like alpha \[ Mus musculus \]](#)

**Official Symbol**

[Retnla](#)

**Synonyms**

Retnla; resistin like alpha; HIMF; Xcp2; Fizz1; RELMa; Fizz-1; RELMalpha; RELM-alpha; 1810019L16Rik; resistin-like alpha; found in inflammatory zone 1; hypoxia-induced mitogenic factor; cysteine-rich secreted protein FIZZ1; cysteine-rich secreted protein A12-gamma; parasite-induced macrophage novel gene 1 protein

**Gene ID**

[57262](#)

**mRNA Refseq**

[NM\\_020509](#)

**Protein Refseq**

[NP\\_065255](#)

**UniProt ID**

[Q9EP95](#)

**Chromosome Location**

16 B5; 16 32.6 cM

**Function**

hormone activity

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