

## 32-12300: Human Resistin

**Gene :** RETN  
**Gene ID :** 56729  
**Uniprot ID :** Q9HD89

**Alternative Name :** Adipose tissue-specific secretory factor, C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein, Cysteine-rich secreted protein A12-alpha-like 2, Cysteine-rich secreted protein FIZZ3

### Description

**Source:** Genetically modified E.coli.

**Predicted MW:** Dimer, 9.9/19.7 kDa (93/186 aa)

Resistin is a peptide hormone belonging to a class of cysteine-rich secreted proteins, termed the resistin-like molecules (RELM) family. Resistin is produced by macrophages and functions during insulin sensitivity and inflammatory processes.

### Product Info

**Amount :** 25 µg / 100 µg  
**Purification :** Reducing and Non-Reducing SDS PAGE at  $\geq$  95%  
**Content :** Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)  
Sterile water at 0.1 mg/mL  
**Storage condition :** Store at -20°C  
**Amino Acid :** MSSKTLCSME EAINERIQEV AGSLIFRAIS SIGLEQSVT SRGDLATCPR GFAVTGCTCG SACGSWDVRA  
ETTCHCQCAG MDWTGARCCR VQP

### Application Note

**Endotoxin:** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Biological Activity was determined by Bioactive protein. Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vial to compensate for this loss.



