

## GFM30 Recombinant Mouse Resistin

### Description

Resistin is a peptide hormone belonging to a class of cysteine-rich secreted proteins, termed the resistin-like molecules (RELM) family. Mouse resistin is produced by adipocytes and may be an important link between obesity and insulin resistance.

<b>Length</b>	93 / 186 aa
<b>Molecular Weight</b>	9.9 / 19.7 kDa
<b>Source</b>	E. coli
<b>Accession Number</b>	Q9HD89
<b>Purity</b>	≥95% determined by reducing and non-reducing SDS-PAGE

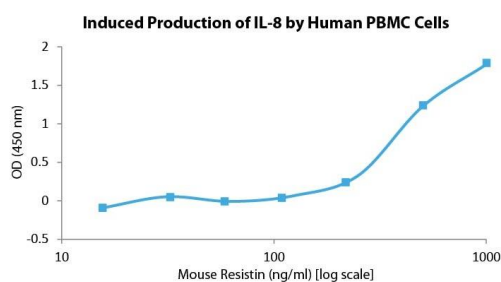
### Specifications

<b>Alternative Names</b>	Insulin-like Growth Factor 1, somatamedin C, mechano growth factor, IGF-IA, IGF-IB, IGF-I, IGFI, insulin-like growth factor I, IGF1A1, insulin-like growth factor IA, insulin-like growth factor IB, MGF2, IBP1
<b>Biological Activity</b>	Mouse Resistin is fully biologically active when compared to standard. The activity is determined by the ability to produce IL-8 by human PBMC cells.
<b>Endotoxin Level</b>	≤1.00 EU/μg as measured by kinetic LAL
<b>Formulation</b>	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
<b>AA Sequence</b>	MSSKTLCSME EAINERIQEV AGSLIFRAIS SIGLECSQSVT SRGDLATCPR GFAVTGCTCG SACGSWDVRA ETTCHCQCAG MDWTGARCCR VQP

### Preparation and Storage

<b>Reconstitution</b>	Centrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at 0.1 mg/ml, which can be further diluted into other aqueous solutions.
<b>Stability and Storage</b>	12 months from date of receipt when stored at -20°C to -80°C as supplied. 1 month when stored at 4°C after reconstituting as directed. 3 months when stored at -20°C to -80°C after reconstituting as directed.

### Data



Induced production of IL-8 by human PBMC cells in response to Mouse Resistin.