

Recombinant Rat Resistin (rRtResistin)

ChemWhat Technical Data Sheet (TDS)

Catalog Number:	14A-03
Source:	<i>Escherichia coli</i> .
Molecular Weight:	Approximately 20.2 kDa, a disulfide-linked homodimer consisting of two 95 amino acid polypeptide chains.
Quantity:	5µg/25µg/1000µg
AA Sequence:	MPSMSLCPMD EAISKKINQD FSSLLPAAMK NTVLHCWSVS SRGRLASCPE GTTVTSCSCG SGCGSWDVRE DTMCHCQCGS IDWTAARCCT LRVGS
Purity:	> 97 % by SDS-PAGE and HPLC analyses.
Biological Activity:	Test in process.
Physical Appearance:	Sterile Filtered White lyophilized (freeze-dried) powder.
Formulation:	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH7.4, with 0.02 % Tween-20.
Endotoxin:	Less than 0.1 EU/µg of rRtResistin as determined by LAL method.
Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C . Further dilutions should be made in appropriate buffered solutions.
Shipping:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none">● 12 months from date of receipt, -20 to -70 °C as supplied.● 1 month, 2 to 8 °C under sterile conditions after reconstitution.● 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Usage:	ChemWhat Limited in UK offers this branded product for research, development or further evaluation purposes. NOT FOR HUMAN USE.

Rat Resistin

Resistin, also known as adipocyte-specific secretory factor (ADSF) and found in inflammatory zone 3 (FIZZ3), is an adipocyte-derived protein. Mature rat and human Resistin share 54% amino acid sequence identity. Northern blot analysis shows that Resistin is expressed in adipose tissue, and its expression is markedly induced during adipocyte differentiation of 3T3-L1 preadipocyte cells.