

Datasheet for ABIN6700464

Resistin Dimer Protein**2** Images[Go to Product page](#)

Overview

Quantity:	5 µg
Target:	Resistin Dimer
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	Mouse Resistin Dimer Recombinant Protein
Purification:	Resistin Dimer purity was determined to be greater than 97% as determined by analysis by UV-Spectroscopy at 280nm and by reducing and non-reducing SDS-pAGE.
Purity:	97,00%
Endotoxin Level:	Measured by LAL is typically ≤ 1 EU/µg protein.
Biological Activity Comment:	The activity is determined by its dose dependent ability to induce IL-8 production by human PBMCs and is typically less than 500 ng/mL.

Target Details

Target:	Resistin Dimer
Background:	Synonyms: FIZZ3, ADSF Background: Resistin is a peptide hormone belonging to the class of cysteine-rich secreted proteins which is termed the RELM family and is also described as ADSF (Adipose Tissue-

Target Details

Specific Secretory Factor) and FIZZ3 (Found in Inflammatory Zone). Mouse resistin is produced by adipocytes and may be an important link between obesity and insulin resistance.

Recombinant mouse resistin is a non-glycosylated, disulfide-linked homodimer, containing two identical 95 amino acid chains, with a total molecular weight of 20.6 kDa.

UniProt: [Q5BMX4](#)

Application Details

Application Notes: Other: User Optimized
Application_Note: Resistin Dimer Recombinant Protein has been tested by SDS-PAGE and biological activity and is suitable as a control for polyclonal or monoclonal anti-Resistin Dimer in immunological assays.

Comment: Suggested_Applications: Cellular Assay
Other_Performance_Data:

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution_Buffer: Restore with deionized water (or equivalent)
Reconstitution_Volume: 5 µL (5-50 µL)

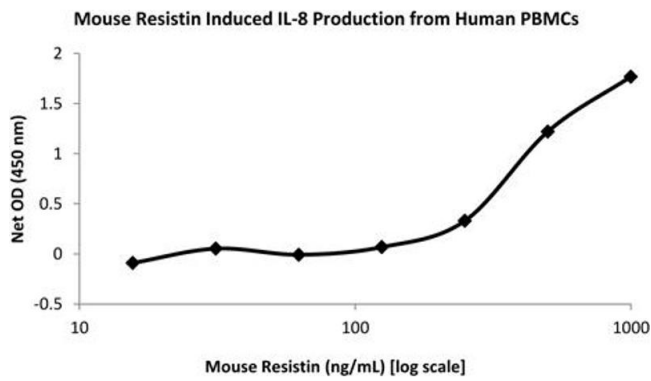
Buffer: Buffer: 0.1 % Trifluoroacetic acid
Stabilizer: None

Preservative: Without preservative

Storage: 4 °C, -20 °C

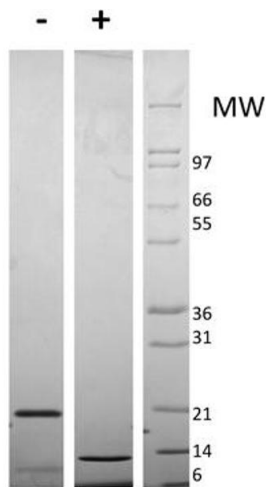
Storage Comment: Store vial at 4° C prior to restoration. Dilute only prior to immediate use. Maintain sterility. This product DOES NOT contain preservative. DO NOT VORTEX. We recommend adding a carrier protein such as HSA or BSA to 0.1% (i.e. 1.0 mg/mL). For best results aliquot contents and freeze at -20° C or colder. Avoid cycles of freezing and thawing. Centrifuge vial before each opening to dislodge contents from the cap and to clarify if contents are not clear after standing at room temperature.

Expiry Date: 6 months



SDS-PAGE

Image 1. SDS-PAGE of Mouse Resistin Dimer Recombinant Protein Bioactivity of Mouse Resistin Dimer Recombinant Protein. Mouse Resistin (starting at 1,000 ng/mL) was added to human PBMCs 24 hours after isolation. After 48 hours production of IL-8 was measured by ELISA. The ED50 of Mouse Resistin is 400-600 ng/mL. There is no typically expected range for this product.



SDS-PAGE

Image 2. SDS-PAGE of Mouse Resistin Dimer Recombinant Protein SDS-PAGE of Mouse Resistin Dimer Recombinant Protein. Lane 1: 1 µg Mouse Resistin in non-reducing conditions . Lane 2: 1 µg Mouse Resistin in reducing conditions (+). Lane 3: Molecular weight marker. Mouse Resistin is a homodimer with a predicted total MW of 20.6 kDa.