

For Research Use Only

Recombinant Rat Resistin protein (rFc Tag)



Catalog Number: Eg3408

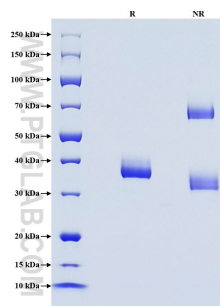
Basic Information	Species: Rat	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/μg protein, LAL method Source: HEK293-derived Rat Resistin protein Pro27-Ser114 (Accession# Q8K4J7) with a rabbit IgG Fc tag at the N-terminus. GeneID: 246250 Accession: Q8K4J7 Predicted Molecular Mass: 36.6 kDa SDS-PAGE: 35-39 kDa, reducing (R) conditions Formulation: Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. • Until expiry date, -20°C to -80°C as lyophilized proteins. • 3 months, -20°C to -80°C under sterile conditions after reconstitution. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	Resistin (also called ADSF: adipocyte secreted factor; FIZZ3: found in inflammatory zone) is a polypeptide hormone first reported from human and rodent adipocyte. Resistin is a member of the resistin-like molecule (RELM) hormone family, which includes RELMα, RELMβ, and RELMγ. Resistin mRNA expression is higher in male than female rats in WAT and BAT. Resistin has been implicated in the pathogenesis of various diseases, including atherosclerosis.		
References	1. Nogueiras R, et al. (2003). FEBS Lett. Jul 31;548(1-3):21-7. 2. Tovar S, et al. (2005). Eur J Endocrinol. Sep;153(3):R1-5. 3. Li Y, et al. (2021). Front Immunol. Jun 18;12:699807.		
Synonyms	Retn		

For technical support and original validation data for this product please contact

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Selected Validation Data



Purity of Recombinant Rat Resistin was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.