
Product Data Sheet

Product Name: Resistin Human, HEK
 Cat. No.: GP26072
 Batch No.: 1

Product Data

| | | | |
|---------------------|--|--------------------|---------------|
| Purity | >98% | Source | HEK293 cells. |
| Physical Appearance | solid | Shipping Condition | withIcePacks |
| Synonyms | RETN,ADSF,FIZZ3,RETN1,RSTN,XCP1,resistin precursor, Adipose tissue-specific secretory factor, ADSFMGC126609, C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein, Cysteine-rich secreted protein A12-alpha-like 2, Cysteine-rich secreted protein FIZZ3, FIZZ3; FIZZ3MGC126603, found in inflammatory zone 3, HXCP1. | | |
| Amino Acid Sequence | KTLCSMEEAI NERIQEVAGS LIFRAISSIG LECQSVTSRG DLATCPRGFA VTGCTCGSAC GSWDVRAETT CHCQCAGMDW TGARCCRVQP HHHHHH | | |
| Formulation | Resistin protein (1mg/ml) contains 20% glycerol and 20mM Sodium citrate (pH3.0). | | |

Introduction

Resistin, also known as adipose tissue-specific secretory factor (ADSF) is a cysteine-rich peptide derived from adipose tissue. Resistin takes part in the inflammatory response, glucose metabolism, and angiogenesis. Resistin blocks insulin-stimulated uptake of glucose by adipocytes and promote glucose release by hepatocytes. As such, Resistin is considered to participate in diet-induced insulin-sensitivity. Resistin causes high levels of low-density lipoprotein (LDL), increasing the risk of heart disease.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long-term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

Resistin Human Recombinant produced in HEK293 cells is a single, glycosylated

Caution: Product has not been fully validated for medical applications. For research use only.

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polypeptide chain (19-108 a.a) containing 96 amino acids and having a molecular mass of 10.3 kDa. Resistin is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

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