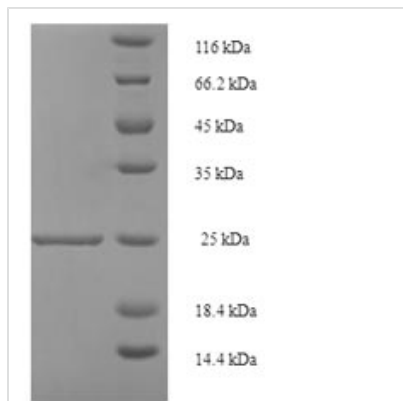




Recombinant Human Resistin (RETN)

Product Code	CSB-EP019573HU
Relevance	Hormone that ses to suppress insulin ability to stimulate glucose uptake into adipose cells. Potentially links obesity to diabetes.
Abbreviation	Recombinant Human RETN protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9HD89
Alias	Adipose tissue-specific secretory factor ;ADSFC/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein;Cysteine-rich secreted protein A12-alpha-like 2;Cysteine-rich secreted protein FIZZ3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	KTLCSMEEAINERIQEVAGSLIFRAISSIGLECSVTSRGDLATCPRGFAVTGCT CGSACGSWDVRAETTCHCQCAGMDWTGARCCRVQP
Research Area	Cardiovascular
Source	E.coli
Target Names	RETN
Expression Region	19-108aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	25.6kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Description

Explore the potential of our Recombinant Human RETN protein, a critical component for cardiovascular research. Resistin, also known as Adipose tissue-specific secretory factor (ADSF), is a hormone involved in glucose homeostasis and insulin resistance, making it a relevant target in the study of obesity, diabetes, and cardiovascular diseases.

Our Recombinant Human RETN protein is expressed in E.coli, yielding a partial protein length (19-108aa) while preserving its biological activity. The N-terminal GST-tag facilitates efficient purification without compromising the protein's functionality. With a purity greater than 90% as determined by SDS-PAGE, our RETN protein ensures consistent and dependable results for your research endeavors. Available in both liquid and lyophilized powder forms, our Recombinant Human RETN protein is ready to enhance your scientific discoveries.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.