PRODUCT INFORMATION

Target	RETN
Synonyms	ADSF;FIZZ3;RETN1;RSTN;XCP1
Description	Recombinant human RETN protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9HD89
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	RETN(Lys19-Pro108) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 35.7 kDa after removal of the signal peptide. The apparent molecular mass of RETN-hFc is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene belongs to the family defined by the mouse resistin-like genes. The characteristic feature of this family is the C-terminal stretch of 10 cys residues with identical spacing. The mouse homolog of this protein is secreted by adipocytes, and may be the hormone potentially linking obesity to type II diabetes. The encoded protein also has an antimicrobial role in skin, displaying antibacterial activity against both Gram positive and Gram negative bacteria. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2020]
Usage	Research use only
Conjugate	Unconjugated

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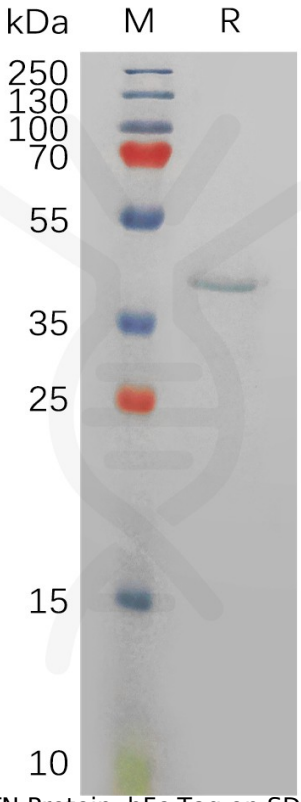


Figure 1. Human RETN Protein, hFc Tag on SDS-PAGE under reducing condition.

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