PRODUCT INFORMATION

Target	ADIPOQ
Synonyms	ACDC; ADPN; APM1; APM-1; GBP28; ACRP30; ADIPQTL1
Description	Recombinant human ADIPOQ Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q15848
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	ADIPOQ(Glu19-Asn244) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 50.7 kDa after removal of the signal peptide. The apparent molecular mass of ADIPOQ-hFc is approximately 55-70 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.
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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	This gene is expressed in adipose tissue exclusively. It encodes a protein with similarity to collagens X and VIII and complement factor C1q. The encoded protein circulates in the plasma and is involved with metabolic and hormonal processes. Mutations in this gene are associated with adiponectin deficiency. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Apr 2010]
Usage	Research use only
Conjugate	Unconjugated

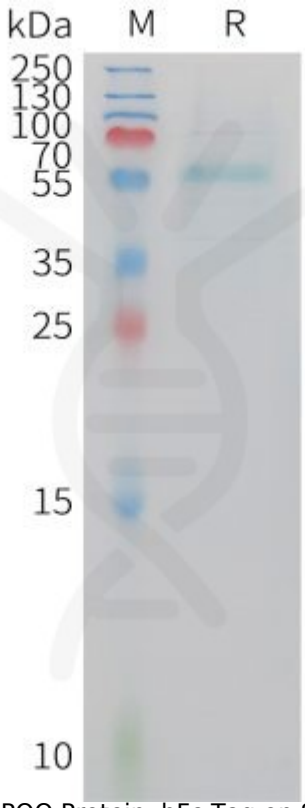

Figure 1. Human ADIPOQ Protein, hFc Tag on SDS-PAGE under reducing condition.