

Recombinant Human ADIPOQ Protein

Cat. No. ADIPOQ-03H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ADIPOQ (15-244, 231aa) without tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	15-244
Description	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.
Form	Liquid
Molecular Mass	25.1 kDa
AA Sequence	MGHDQETTTQGPVLLPLPKGACTGWMAGIPGHPGHNGAPGRDGRDGTGPGEKGE KGDPLIGPKGDIGETGVPGAEGPRGFPGIQGRKGEPGEGAYVYRSAFSVGLETYV TIPNMPIRFTKIFYNQNNHYDGSTGKFHCNIPGLYYFAYHITVYMKDVKVSFLFKDKA MLFTYDQYQENNVDQASGSVLLHLEVGDQVWLQVYGEGERNGLYADNDNDSTFT GFLLYHDTN
Endotoxin	< 1 EU/μg of protein (determined by LAL method)

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Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE
Storage	Can be stored at 2 to 8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/mL (determined by Bradford assay)
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 1 mM DTT.
GENE INFORMATION	
Gene Name	ADIPOQ adiponectin, C1Q and collagen domain containing [Homo sapiens (human)]
Official Symbol	ADIPOQ
Synonyms	ADIPOQ; adiponectin, C1Q and collagen domain containing; ACDC; ADPN; APM1; APM-1; GBP28; ACRP30; ADIPQTL1; adiponectin; 30 kDa adipocyte complement-related protein; adipocyte complement-related 30 kDa protein; adipose most abundant gene transcript 1 protein; adipose specific collagen-like factor; gelatin-binding protein 28
Gene ID	9370
mRNA Refseq	NM_004797
Protein Refseq	NP_004788
MIM	605441

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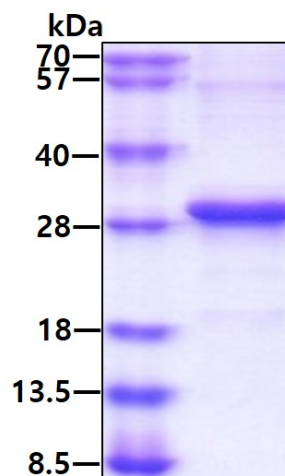
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UniProt ID

Q15848

SDS-PAGE



3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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