

# Recombinant Dog ADIPOQ Protein, His-GST-tagged

**Cat. No.** ADIPOQ-2646D    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Dog ADIPOQ Protein(NP_001006645.1)(Gln18~Asn244), fused to two N-terminal tags, His tag and GST tag, was expressed in E. coli.                                                                                                                              |
| <b>Species</b>          | Dog                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | Gln18~Asn244                                                                                                                                                                                                                                                            |
| <b>Form</b>             | Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 54.5kDa                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | QDS VAEGPGVLLP LPKGACPGWM AGIPGHPGHN GTPGRDGRDG<br>TPGEKGEKGD AGLVGPKGDT GETGVTGVEG PRGFPGTPCR KGEPGESAYV<br>HRSAFSVGL E SRITVPNVPI RFTKIFYNLQ NYHDGTTGKF HCNIPGLYYF<br>SYHITVYLKD VKVSLYKKDK AMLFTYDQYQ EKNVDQASGS VLLHLEVGDQ<br>VWLQVYGDGD SYGIYADNVN DSTFTGFLLY HDTN |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                                                                                                                                                                            |
| <b>Purity</b>           | > 95%                                                                                                                                                                                                                                                                   |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                              |

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|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability</b>      | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.                                                                                                                                                                                                                          |
| <b>Reconstitution</b> | Reconstitute in sterile PBS, pH7.2-pH7.4.                                                                                                                                                                                                                                                                                           |

## GENE INFORMATION

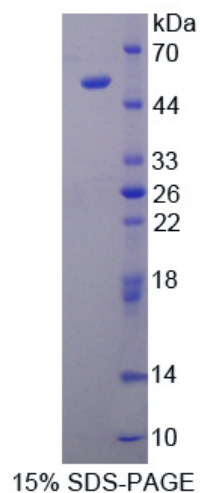
|                        |                                                                                                |
|------------------------|------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ADIPOQ adiponectin, C1Q and collagen domain containing [ <i>Canis lupus familiaris</i> (dog) ] |
| <b>Official Symbol</b> | ADIPOQ                                                                                         |
| <b>Synonyms</b>        | ACDC; APM1                                                                                     |
| <b>Gene ID</b>         | 403625                                                                                         |
| <b>mRNA Refseq</b>     | NM_001006644.1                                                                                 |
| <b>Protein Refseq</b>  | NP_001006645.1                                                                                 |

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## SDS-PAGE



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