

## Datasheet for ABIN2017665 **ADIPOQ Protein (AA 101-244)**

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### Overview

|                          |                |
|--------------------------|----------------|
| Quantity:                | 50 µg          |
| Target:                  | ADIPOQ         |
| Protein Characteristics: | AA 101-244     |
| Origin:                  | Human          |
| Source:                  | HEK-293T Cells |
| Protein Type:            | Recombinant    |
| Biological Activity:     | Active         |

### Product Details

|                  |                                                                        |
|------------------|------------------------------------------------------------------------|
| Characteristics: | ED50 < 2 µg/mL, measured in a cell proliferation assay using M1 cells. |
| Purity:          | > 95 % as analyzed by SDS-PAGE.                                        |
| Endotoxin Level: | < 0.2 EU/µg, determined by LAL method.                                 |

### Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | ADIPOQ                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Alternative Name: | Adiponectin/Acrp30 ( <a href="#">ADIPOQ Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Background:       | Adipolean/gAcrp30 is produced and secreted exclusively by adipocytes, and is a relatively abundant plasma protein, accounting for up to 0.05 % of total serum protein. It is an adipocytederived protein with wide ranging paracrine and endocrine effects on metabolism and inflammation. It is induced during adipocyte differentiation, and its secretion is stimulated by insulin. It promotes adipocyte differentiation, fatty acid catabolism, and insulin sensitivity and is |

Target Details

|                   |                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------|
|                   | negatively correlated with obesity, type 2 diabetes, and atherogenesis.<br>Synonyms: Arcp-30, GBP-28, Apm-1 |
| Molecular Weight: | 16-17 kDa, observed by reducing SDS-PAGE.                                                                   |
| UniProt:          | <a href="#">Q15848</a>                                                                                      |

Application Details

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

Handling

|                  |                                                                                                                                                                                                                               |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                                                                                                                                                   |
| Reconstitution:  | Reconstituted in ddH2O or PBS at 100 µg/mL.                                                                                                                                                                                   |
| Buffer:          | Lyophilized after extensive dialysis against PBS.                                                                                                                                                                             |
| Storage:         | -80 °C                                                                                                                                                                                                                        |
| Storage Comment: | Lyophilized recombinant Human Adipolean/gArcp30 remains stable up to 6 months at -80 °C from date of receipt. Upon reconstitution, Human Adipolean/gArcp30 should be stable up to 1 week at 4 °C or up to 2 months at -20 °C. |
| Expiry Date:     | 6 months                                                                                                                                                                                                                      |