

## Active Recombinant Mouse Adipoq Protein, His-tagged

**Cat. No.** Adipoq-501M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Mouse Adipoq (Q60994, 21 a.a. - 247 a.a.) partial recombinant protein with His tag expressed in Hi-5 cells.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	21-247 a.a.
<b>Description</b>	Adiponectin (also referred to as GBP-28, apM1, AdipoQ and Acrp30) is a protein which in humans is encoded by the ADIPOQ gene. It is involved in regulating glucose levels as well as fatty acid breakdown.
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Determined by a cytotoxic assay using M1 cells. The ED50 for this effect is 4.0-6.0 ug/ml.
<b>Molecular Mass</b>	35.0 kDa
<b>AA Sequence</b>	RGHHHHHHHHVTTTEELAPALVPPPKGTCAGWMAGIPGHPGHNGTPGRDGRDGT PGEKGEKGDAGLLGPKGETGDVGMTGAEGPRGFPGTGPRKGEPEGAAAYVYRSAF SVGLETRVTVPNVPIRFTKIFYNQNHYDGSTGKFYCNIPGLYYFSYHITVYMKDVKV SLFKKDKAVLFTYDQYQEKNDQASGSVLLHLEVGDQVWLQVYGDGDHNGLYADN VNDSTFTGFLLYHDTN

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<b>Endotoxin</b>	Endotoxin level is < 0.1 ng/ug of protein (< 1 EU/ug).
<b>Purity</b>	95%
<b>Applications</b>	Functional Study; SDS-PAGE
<b>Usage</b>	Activity assay SDS-PAGE The optimal working dilution should be determined by the end user.
<b>Storage</b>	Store at -20 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">Adipoq adiponectin, C1Q and collagen domain containing [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">Adipoq</a>
<b>Synonyms</b>	ADIPOQ; adiponectin, C1Q and collagen domain containing; adiponectin; adipocyte-specific protein AdipoQ; adipocyte complement related protein; 30 kDa adipocyte complement-related protein; adipocyte complement-related 30 kDa protein; adipocyte, C1Q and collagen domain containing; adipocyte, C1q and collagen domain-containing protein; APN; Acdc; apM1; 30kDa; GBP28; adipo; Acrp30;
<b>Gene ID</b>	<a href="#">11450</a>
<b>mRNA Refseq</b>	<a href="#">NM_009605</a>
<b>Protein Refseq</b>	<a href="#">NP_033735</a>

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