

Active Recombinant Mouse Adipoq Protein, His-tagged

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

SPECIFICATION

Product Overview	Mouse Adipoq (Q60994, 21 a.a. - 247 a.a.) partial recombinant protein with His tag expressed in Hi-5 cells.
Species	Mouse
Source	Insect Cells
ProteinLength	21-247 a.a.
Description	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.
Form	Lyophilized
Bio-activity	Determined by a cytotoxic assay using M1 cells. The ED50 for this effect is 4.0-6.0 ug/ml.
Molecular Mass	35.0 kDa
AA Sequence	RGHHHHHHHHVTTTEELAPALVPPPKGTCAGWMAGIPGHPGHNGTPGRDGRDGT PGEKGEKGDAGLLGPKGETGDVGMTGAEGPRGFPGTPGRKGEPGEAAVYRSAF SVGLETRVTVPNVPIRFTKIFYNQNHYDGSTGKFYCNIPGLYYFSYHITVYMKDVKV SLFKKDKAVLFTYDQYQEKNVDAQSGSVLLHLEVGDQVWLQVYGDGDHNGLYADN VNDSTFTGFLLYHDTN

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Endotoxin	Endotoxin level is < 0.1 ng/ug of protein (< 1 EU/ug).
Purity	95%
Applications	Functional Study; SDS-PAGE
Usage	Activity assay SDS-PAGE The optimal working dilution should be determined by the end user.
Storage	Store at -20 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Adipoq adiponectin, C1Q and collagen domain containing [Mus musculus]
Official Symbol	Adipoq
Synonyms	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;
Gene ID	11450
mRNA Refseq	NM_009605
Protein Refseq	NP_033735

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