

## Recombinant Mouse Adipor1 Protein, Myc/DDK-tagged

Cat. No. Adipor1-1541M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length adiponectin receptor 1 (Adipor1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a receptor for the fat-derived hormone adiponectin. Binding of adiponectin to the encoded protein results in activation of an AMP-activated kinase signaling pathway which affects levels of fatty acid oxidation and insulin sensitivity. Homozygous knockout mice for this gene exhibit elevated plasma glucose and insulin levels as well as impaired glucose tolerance. Alternative splicing results in multiple transcript variants.
<b>Molecular Mass</b>	42.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Adipor1 adiponectin receptor 1 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Adipor1](#)

**Synonyms** ADIPOR1; adiponectin receptor 1; adiponectin receptor protein 1; progestin and adipoQ receptor family member I; Paqr1; ACDCR1; CGI-45; 2810031L11Rik

**Gene ID** [72674](#)

**mRNA Refseq** [NM\\_028320](#)

**Protein Refseq** [NP\\_082596](#)

**UniProt ID** [Q6PDY2](#)

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