

Recombinant Mouse Adipor1 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length adiponectin receptor 1 (Adipor1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	42.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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