Recombinant Full Length Human ADIPOR1 Protein, C-Flag-tagged

Cat. No. ADIPOR1-691HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ADIPOR1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a protein which acts as a receptor for adiponectin, a hormone secreted by adipocytes which regulates fatty acid catabolism and glucose levels. 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. A pseudogene of this gene is located on chromosome 14. Multiple alternatively spliced transcript variants have been found for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	42.4 kDa
AA Sequence	MSSHKGSVVAQGNGAPASNREADTVELAELGPLLEEKGKRVIANPPKAEEEQTCPV PQEEEEEVRVLTLP LQAHHAMEKMEEFVYKVWEGRWRVIPYDVLPDWLKDNDYLL HGHRPPMPSFRACFKSIFRIHTETGNIWT HLLGFVLFLFLGILTMLRPNMYFMAPLQE KVVFGMFFLGAVLCLSFSWLFHTVYCHSEKVSRTFSKLDYS GIALLIMGSFVPWLYY SFYCSPQPRLIYLSIVCVLGISAIIVAQWDRFATPKHRQTRAGVFLGLGLSGVV PTMH FTIAEGFVKATTVGQMGWFFLMAVMYITGAGLYAARIPERFFPGKFDIWFQSHQIFH

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

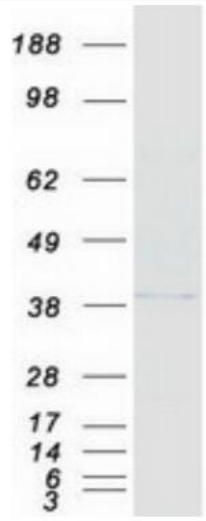
	VLVVAAAFV HFYGVSNLQEFRYGLEGGCTDDTLLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	Adipocytokine signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name	ADIPOR1 adiponectin receptor 1 [Homo sapiens (human)]
Official Symbol	ADIPOR1
Synonyms	CGI45; PAQR1; ACDCR1; CGI-45; TESBP1A
Gene ID	51094

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

mRNA Refseq	NM_015999.6
Protein Refseq	NP_057083.2
MIM	607945
UniProt ID	Q96A54



Coomassie blue staining of purified ADIPOR1 protein.

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