

Human ADIPOR1 Knockdown Cell Lysate

Cat. No. ADIPOR1-026HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated ADIPOR1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
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	Cell-Tissue Lysis buffer
Molecular Mass	43 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific

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Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg ADIPOR1 KD HeLa cell lysate
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	Adipocytokine signaling pathway
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	ADIPOR1 adiponectin receptor 1 [Homo sapiens (human)]
Official Symbol	ADIPOR1
Synonyms	ADIPOR1; adiponectin receptor 1; adiponectin receptor protein 1; ACDCR1; PAQR1; progestin and adipoQ receptor family member I; CGI45; CGI-45; TESBP1A; FLJ25385; FLJ42464;
Gene ID	51094
mRNA Refseq	NM_015999
Protein Refseq	NP_057083
MIM	607945
UniProt ID	Q96A54

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