Recombinant Full Length Human ADIPOR1 Protein, GST-tagged

Cat. No. ADIPOR1-12HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADIPOR1 Full-Length ORF (NP_057083.2, 1 a.a.- 375 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
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.
Molecular Mass	69 kDa
AA Sequence	MSSHKGSVVA QGNGAPASNR EADTVELAEL GPLLEEKGKR VIANPPKAEE EQTCPVPQEE EEEVRVLTLP LQAHHAMEKM EEFVYKVWEG RWRVIPYDVL PDWLKDNDYL LHGHRPPMPS FRACFKSIFR IHTETGNIWT HLLGFVLFLF LGILTMLRPN MYFMAPLQEK VVFGMFFLGA VLCLSFSWLF HTVYCHSEKV SRTFSKLDYS GIALLIMGSF VPWLYYSFYC SPQPRLIYLS IVCVLGISAI IVAQWDRFAT PKHRQTRAGV FLGLGLSGVV PTMHFTIAEG FVKATTVGQM GWFFLMAVMY ITGAGLYAAR IPERFFPGKF DIWFQSHQIF HVLVVAAAFV HFYGVSNLQE FRYGLEGGCT DDTLL

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot; Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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

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