

Recombinant Human ADK Protein, GST-tagged

Cat. No. ADIPOR1-358H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human ADIPOR1 partial ORF (NP_057083.2, 72 a.a. - 136 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	<p>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. [provided by RefSeq, Mar 2014]</p>
Molecular Mass	32.89 kDa
AA Sequence	QAHHAMEKMEEFVYKVWEGRWVIPYDVLDPDWLKDNDYLLHGHRPPMPSFRACF KSIFRIHTETG
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
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]
Official Symbol	ADIPOR1
Synonyms	ADIPOR1; adiponectin receptor 1; adiponectin receptor protein 1; ACDCR1; PAQR1; progesterin 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

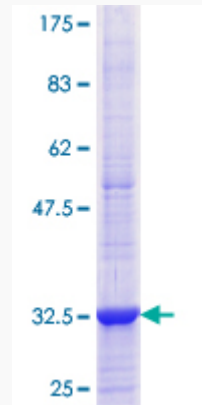
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Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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