

Recombinant Human ADIPOR2, GST-tagged

Cat. No. ADIPOR2-9427H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADIPOR2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-147a.a.
Description	The adiponectin receptors, ADIPOR1 (MIM 607945) and ADIPOR2, serve as receptors for globular and full-length adiponectin (MIM 605441) and mediate increased AMPK (see MIM 602739) and PPAR-alpha (PPARA; MIM 170998) ligand activities, as well as fatty acid oxidation and glucose uptake by adiponectin
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	ADIPOR2 adiponectin receptor 2 [Homo sapiens]
Official Symbol	ADIPOR2

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Synonyms	ADIPOR2; adiponectin receptor 2; adiponectin receptor protein 2; ACDCR2; PAQR2; progesterin and adipoQ receptor family member II; MGC4640; FLJ21432;
Gene ID	79602
mRNA Refseq	NM_024551
Protein Refseq	NP_078827
MIM	607946
UniProt ID	Q86V24
Chromosome Location	12p13
Pathway	Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem;
Function	hormone binding; identical protein binding; protein heterodimerization activity; receptor activity;

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