

Recombinant Human ADIPOR2 protein, His & GST-tagged

Cat. No. ADIPOR2-555H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADIPOR2 aa. (Glu180~Ser367 (Accession # Q86V24)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Glu180~Ser367
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 (Yamauchi et al., 2003 [PubMed 12802337]).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 53.4kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.9.

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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

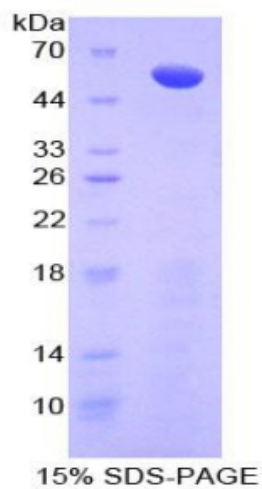
Gene Name	ADIPOR2 adiponectin receptor 2 [Homo sapiens (human)]
Official Symbol	ADIPOR2
Synonyms	ADIPOR2; adiponectin receptor 2; PAQR2; ACDCR2; adiponectin receptor protein 2; progestin and adipoQ receptor family member II
Gene ID	79602
mRNA Refseq	NM_024551.2
Protein Refseq	NP_078827.2
UniProt ID	Q86V24

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SDS-PAGE



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