

# Recombinant Human ADIPOR1 Transmembrane protein, His-Flag-tagged

**Cat. No.** ADIPOR1-1354H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ADIPOR1 protein(Q96A54)(89-375aa), fused with N-terminal His-Flag tag, was expressed in in vitro E. coli expression system.                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 89-375aa                                                                                                                                                                                                                                                                                                              |
| <b>Form</b>             | Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | 34.8 kDa                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | EGRWRVIPYDVLDPDWLKDNDYLLHGHRRPPMPSFRACFKSIFRIHTETGNIWTHLLGF<br>VLFLFLGILTMLRPNMYFMAPLQEKVVFGMFFLGAVLCLFSWLFHTVYCHSEKVS<br>R<br>TFSKLDYSGIALLIMGSFVPWLYYSFYCSPQPRLIYLSIVCVLGISAIIVAQWDRFATPK<br>HRQTRAGVFLGLGLSGVVPTMHFTIAEGFVKATTVGQMGWFFLMVAVMYITGAGLYA<br>ARIPERFFPGKFDIWFQSHQIFHVLVVAAAFVHFYGVSNLQEFRYGLEGGCTDDTLL |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                        |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for                                                                                                                                               |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

long-term storage at -20°C/-80°C.

## GENE INFORMATION

|                 |                                                                                                                                                                            |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | ADIPOR1 adiponectin receptor 1 [ Homo sapiens ]                                                                                                                            |
| 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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