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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ADIPOR1 (Human) Recombinant Protein (P01)

Catalog Number: H00051094-P01

Regulation Status: For research use only (RUO)

Product Description: Human ADIPOR1 full-length ORF (NP_057083.2, 1 a.a. - 375 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSSHKGSVVAQNGAPASNREADTVELAEGLPLEEK
GKRVIANPPKAEETQCPVPQEEEEVRLTLPLQAH
HAMEKMEEFVYKWEGRWRVIPYDVLDPDWLKDNDYL
LHGHRPPMPSPFRACFKSIFRIHTETGNIWTHLLGFVLF
FLGILTMLRPNMYFMAPLQEKVVFGMFFLGAVLCLSFS
WLFHTVYCHSEKVSRTFSKLDYSGLLIMGSFVPWLY
YSFYCSPQPRLIYLSIVCVLGISAIIVAQWDRFATPKHR
QTRAGVFLGLGLSGVPTMHFTIAEGFVKATTVGQMG
WFFLMAVMYITGAGLYAARIPERFFPGKFDIWFQSHQI
FHVLVVAAAFVHFYGVSNLQEFYRGLEGGCTDDTLL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 69

Interspecies Antigen Sequence: Mouse (96); Rat (97)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 51094

Gene Symbol: ADIPOR1

Gene Alias: ACDCR1, CGI-45, CGI45, FLJ25385, FLJ42464, PAQR1, TESBP1A

Gene Summary: The adiponectin receptors, ADIPOR1 and ADIPOR2 (MIM 607946), 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]).[supplied by OMIM]