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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ADIPOR2 (Human) Recombinant Protein (P01)

Catalog Number: H00079602-P01

Regulation Status: For research use only (RUO)

Product Description: Human ADIPOR2 full-length ORF (NP_078827.2, 1 a.a. - 386 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MNEPTENRLGCSRTPEPDIRLRKGHQLDGTRRGDND
SHQGDLEPILEASVLSSHKKSSSEEHEYSDEAPQEDE
GFMGMSPLLQAHHAMEKMEEFVCKVWEGRWRVIPH
DVLDPDWLKDNDFLLHHRPPMPSFRACFKSIFRIHTET
GNIWTHLLGCVFFLCLGIFYMFRPNISFVAPLQEKVVF
GLFFLGAILCLSFSWLFHTVYCHSEGVSRLFSKLDYSGI
ALLIMGSFVPWLYYSFYCNPQPCFIYLIVICVLGIAAIIVS
QWDMFATPQYRGVVRAGVFLGLGLSGIIPTLHYVISEGF
LKAATIGQIGWLMLMASLYITGAALYAARIPERFFPGKC
DIWFHSHQLFHIFVVAGAFVHFHGVSNLQEFRFMIGG
GCSEEDAL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 70.3

Interspecies Antigen Sequence: Mouse (92); Rat (93)

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: 79602

Gene Symbol: ADIPOR2

Gene Alias: ACDCR2, FLJ21432, MGC4640, PAQR2

Gene Summary: 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]).[supplied by OMIM]