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Datasheet for ABIN1794453

ANGPTL4 Protein (AA 26-406) (GST tag)

1 Image

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Overview

Quantity:	10 µg
Target:	ANGPTL4
Protein Characteristics:	AA 26-406
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANGPTL4 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Antibody Array (AA), Affinity Purification (AP)

Product Details

Purpose:	ANGPTL4 (Human) Recombinant Protein (P01)
Sequence:	GPVQSKSPRF ASWDEMNVLA HGLLQLGQGL REHAERTRSQ LSALERRLSA CGSACQGTEG STDLPLAPES RVDPEVLHSL QTQLKAQNSR IQQLFHKVAQ QQRHLEKQHL RIQHLQSQFG LLDHKHL DHE VAKPARRKRL PEMAQPVDPA HNVSR LHRLP RDCQELFQVG ERQSGLFEIQ PQGSPFLVN CKMTSDGGWT VIQRRHDGSV DFNRPWEAYK AGFGDPHGEF WLGLEKVHSI TGDRNSRLAV QLRDWDGNAE LLQFSVHLGG EDTAYSLQLT APVAGQLGAT TVPPSGLSVP FSTWDQDHD L RRDKNCAKSL SGGWWFGTCS HSNLNGQYFR SIPQQRQK LK KGIFWK TWRG RYHPLQATTM LIQPIAAEAA S
Characteristics:	Human ANGPTL4 full-length ORF (AAH23647.1, 26 a.a. - 406 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

Target Details

Target:	ANGPTL4
Alternative Name:	ANGPTL4 (ANGPTL4 Products)
Background:	Full Gene Name: angiopoietin-like 4 Synonyms: ANGPTL2,ARP4,FIAF,HFARP,NL2,PGAR,pp1158
Gene ID:	51129
Pathways:	Regulation of Lipid Metabolism by PPARalpha

Application Details

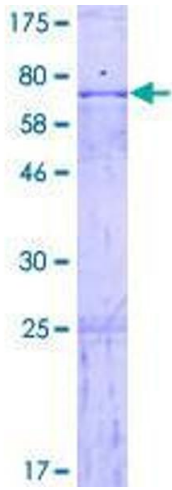
Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Preparation method: in vitro, wheat germ expression system Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.
Restrictions:	For Research Use only

Handling

Buffer:	50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-80 °C
Storage Comment:	Best use within three months from the date of receipt of this protein.

Publications

Product cited in:	Basak, Duttaroy: "cis-9,trans-11 conjugated linoleic acid stimulates expression of angiopoietin like-4 in the placental extravillous trophoblast cells." in: Biochimica et biophysica acta , Vol. 1831, Issue 4, pp. 834-43, (2013) (PubMed).
	Gealekman, Burkart, Chouinard, Nicoloro, Straubhaar, Corvera: "Enhanced angiogenesis in obesity and in response to PPARgamma activators through adipocyte VEGF and ANGPTL4 production." in: American journal of physiology. Endocrinology and metabolism , Vol. 295, Issue 5, pp. E1056-64, (2008) (PubMed).



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Image 1.