

Recombinant Mouse Angptl4, His-tagged

Cat. No. Angptl4-406M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the MouseANGPTL4 (Gly24 - Ser410) with 6 His tag on the N-Terminus was expressed in E. coli. This protein was purified by Ni-NTA column.
Species	Mouse
Source	E.coli
ProteinLength	24-410 a.a.
Description	Angiopoietin-related protein 4 is a protein that in humans is encoded by the ANGPTL4 gene. Alternatively spliced transcript variants encoding different isoforms have been described. This gene was previously referred to as ANGPTL2 but has been renamed ANGPTL4.
Molecular Mass	55 KDa
Formulation	Lyophilized 100µg mouse ANGPTL4 in 100µl of TBS (20 mM Tris, 50mM NaCl, pH 8.0), Carry free.
Purity	>90% in SDS-PAGE gel
Reconstitution	Add 500 µl deionized water to the vial to prepare a working stock solution at 200µg /mL . Allow to set at least 30 minutes at 4 °C, mix well.
Storage	Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6

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months from date of receipt at - 20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Application

ELISA

Sequence

QGRPAQP EPPRFASWDE MNLLAHGLLQ LGHGLREHVE RTRGQLGALE
 RRMAACGNAC QGPKGKDA PF KDSEDRVPEG QTPETLQSLQ TQLKAQNSKI
 QQLFQKVAQQ QRYLSKQNL R IQNLQSQIDL LAPTHLDNGV DKTSRGKRLP
 KMTQLIGLTP NATHLHRPPR DCQELFQEGE RHSGLFQIQP LGSPFLVNC
 EMTSDGGWTV IQRRNLNGSVD FNQSWEAYKD GFGDPQGEFW LGLEKMHSIT
 GNRGSQ LAVQ LQDWDGNAKL LQFPIHLGGE DTAYSLQLTE PTANELGATN
 VSPNGLSLPF STWDQDHLR GDLNCAKSLS GGWWFGTCSH SNLNGQYFHS
 IPRQRQERKK GIFWKTWKGR YYPLQATTLL IQPMEATAAS

OfficialSymbol

Angptl4

GENE INFORMATION

Gene Name

[Angptl4](#) [angiopoietin-like 4](#) [[Mus musculus](#)]

Synonyms

angiopoietin-like 4; Arp4; Bk89; Fiaf; Ng27; Pgar; Hfarp; Pgarg; Pp1158; Angptl4;
 angiopoietin-related protein 4; 425O18-1; secreted protein Bk89; angiopoietin-like
 protein 4; fasting-induced adipose factor; fibrinogen/angiopoietin-related protein;
 major histocompatibility complex region NG27; hepatic fibrinogen/angiopoietin-related
 protein

Gene ID

[57875](#)

mRNA Refseq

[NM_020581](#)

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Protein Refseq	NP_065606
UniProt ID	Q9Z1P8
Chromosome Location	17 B1; 17
Pathway	PPAR signaling pathway; Developmental Biology; PPARG Activates Gene Expression
Function	enzyme inhibitor activity

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