

Recombinant Mouse Angptl4, His-tagged

Cat. No. Angptl4-476M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the mouse ANGPTL4 (Q9Z1P8) (Lys167-Ser410) was expressed with a polyhistidine tag at the N-terminus.
Species	Mouse
Source	Human Cells
ProteinLength	Lys167-Ser410
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant mouse ANGPTL4 consists of 264 amino acids and predicts a molecular mass of 29.9 KDa. It migrates as an approximately 38-45 KDa band in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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GENE INFORMATION

Gene Name	Angptl4 angiotensin-like 4 [<i>Mus musculus</i>]
Official Symbol	Angptl4
Synonyms	ANGPTL4; angiotensin-like 4; angiotensin-related protein 4; 425O18-1; secreted protein Bk89; angiotensin-like protein 4; fasting-induced adipose factor; fibrinogen/angiotensin-related protein; major histocompatibility complex region NG27; hepatic fibrinogen/angiotensin-related protein; Arp4; Bk89; Fiaf; Ng27; Pgar; Hfarp; Pparg; Pp1158;
Gene ID	57875
mRNA Refseq	NM_020581
Protein Refseq	NP_065606
Pathway	PPAR (Peroxisome proliferator-activated receptor) signaling pathway, organism-specific biosystem; PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem;
Function	enzyme inhibitor activity; receptor binding;

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