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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

ANGPTL4 (Human) Recombinant Protein

Catalog Number: P8412

Regulation Status: For research use only (RUO)

Product Description: Human ANGPTL4 (Q9BY76) recombinant protein with His-tag at N-terminal expressed in *Escherichia coli*.

Amount: > 95% by SDS-PAGE

Sequence:

MRGSHHHHHHGMASHMGPVQSKSPRFASWDEMNVL
AHGLLQLGQGLREHAERTRSQLSALERRLSACGSAC
QGTEGSTDLPLAPESRVDPEVLHSLQTQLKAQNSRIQ
QLFHKVAQQQRHLEKQHLRIQLQSQFGLLDHKHLDH
EVAKPARRKRLPEMAQPVDPAHNVSRLHRLPRDCQE
LFQVGERQSGLFIEIQPGSPFLVNCKMTSDGGWTVI
QR.

Host: *Escherichia coli*

Theoretical MW (kDa): 25

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

Form: Lyophilized

Preparation Method: *Escherichia coli* expression
system

Storage Buffer: Lyophilized from 0.05M Acetate buffer
pH-4.

Storage Instruction: Store at -20°C. Aliquot the product
after reconstitution to avoid repeated freezing/thawing
cycles.

Entrez GeneID: 51129

Gene Symbol: ANGPTL4

Gene Alias: ANGPTL2, ARP4, FIAF, HFARP, NL2,
PGAR, pp1158

Gene Summary: This gene is a member of the

angiopoietin/angiopoietin-like gene family and encodes a glycosylated, secreted protein with a fibrinogen C-terminal domain. This gene is induced under hypoxic conditions in endothelial cells and is the target of peroxisome proliferation activators. The encoded protein is a serum hormone directly involved in regulating glucose homeostasis, lipid metabolism, and insulin sensitivity and also acts as an apoptosis survival factor for vascular endothelial cells. The encoded protein may play a role in several cancers and it also has been shown to prevent the metastatic process by inhibiting vascular activity as well as tumor cell motility and invasiveness. Decreased expression of this protein has been associated with type 2 diabetes. Alternatively spliced transcript variants encoding different isoforms have been described. This gene was previously referred to as ANGPTL2 but has been renamed ANGPTL4. [provided by RefSeq]