

Recombinant Full Length Human AMOT Protein, GST-tagged

Cat. No. AMOT-1379HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AMOT full-length ORF (NP_573572.1, 1 a.a. - 675 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	675 amino acids
Description	This gene belongs to the motin family of angiostatin binding proteins characterized by conserved coiled-coil domains and C-terminal PDZ binding motifs. The encoded protein is expressed predominantly in endothelial cells of capillaries as well as larger vessels of the placenta where it may mediate the inhibitory effect of angiostatin on tube formation and the migration of endothelial cells toward growth factors during the formation of new blood vessels. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
Molecular Mass	98.9 kDa
AA Sequence	MPRAQPSSAS YQPVPADPFA IVSRAQQMVE ILSDENRNLR QELEGCYEKV ARLQKVETEI QRVSEAYENL VKSSSKREAL EKAMRNKLEG EIRRMHDFNR DLRERLETAN KQLAEKEYEG SEDTRKTISQ LFAKNKESQR EKEKLEAELA TARSTNEDQR RHIEIRDQAL SNAQAKVVKL EEELKKKQVY VDKVEKMQQA LVQLQAACEK REQLEHRLRT RLERELESLR IQQRQGNCQP TNVSEYNAAA LMELLREKEE RILALEADMT KWEQKYLEEN VMRHFALDAA ATVAAQRDTT

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VISHSPNTSY DTALEARIQK EEEEILMANK RCLDMEGRIK TLHAQIIKED
 AMIKVLQQRS RKEPSKTEQL SCMRPAKSLM SISNAGSGLL SHSSTLTGSP
 IMEEKRDDKS WKGSLGILLG GDYRAEYVPS TPSPVPPSTP LLSAHSKTGS
 RDCSTQTERG TESNKTAAVA PISVPAPVAA AATAAAITAT AATITTTMVA
 AAPVAVAAAA APAAAAAPSP ATAAATAAAV SPAAAGQIPA AASVASAAAV
 APSAAAAA AV QVAPAAPAPV PAPALVPVPA PAAQASAPA QTQAPTSAPA
 VAPTPAPTPT PAVAQAEVPA SPATGPGPHR LSIPSLTCNP DKTDGPVFHS
 NTLERKTPIQ ILGQEPDAEM VEYLI

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

AMOT angiomin [Homo sapiens]

Official Symbol

AMOT

Synonyms

AMOT; angiomin; KIAA1071; angiomin p80 isoform; angiomin p130 isoform

Gene ID

154796

mRNA Refseq

NM_001113490

Protein Refseq

NP_001106962

MIM

300410

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UniProt ID

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