

Recombinant Human AMOT protein, GST-tagged

Cat. No. AMOT-528H **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	Wheat Germ
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	MPRAQPSSASYQVPADPFAIVSRAQQMVEILSDENRNLRQELEGCYEKVARLQKV ETEIQRVSEAYENLVKSSSKREALEKAMRNKLEGEIRRMHDFNRDLRERLETANKQL AEKEYEGSEDTRKTISQLFAKNKESQREKEKLEAELATARSTNEDQRRHIEIRDQALS NAQAKVVKLEELKKKQVYVDKVEKMQQALVQLQAACEKREQLEHRLRTRLERELE SLRIQQRQGNCQPTNVSEYNAAALMELLREKEERILALEADMTKWEQKYLEENVMR HFALDAAATVAAQRDTTVISHSPNTSYDTALEARIQKEEEEILMANKRCLDMEGRIKT LHAQIIKDKAMIKVLQQRSRKEPSKTEQLSCMRPAKSLMSISNAGSGLLSHSSTLTGS

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PIMEEKRDDKSWKGSLGILLGGDYRAEYVPSTPSPVPPSTPLLSAHSKTGSRDCST
QTERGTESNKTA AVAPISVPAPVAAAATAAAITATAATITTTMVAAAPVAVAAAAAPA
AAAAPSPATAAAATAAAVSPAAAGQIPAAASVASAAAVAPSAAAAAAVQVAPAAPAPV
PAPALVPVPAPAAAQASAPAQQTQAPTSAPAVAPTPAPTPTPAVAQAEVPASPATGP
GPHRLSIPSLTCNPDKTDGPVFHSNTLERKTPIQILGQEPDAEMVEYLI

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

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 [angiomotin \[Homo sapiens \]](#)

Official Symbol

[AMOT](#)

Synonyms

AMOT; angiomotin; KIAA1071; angiomotin p80 isoform; angiomotin p130 isoform;

Gene ID

[154796](#)

mRNA Refseq

[NM_001113490](#)

Protein Refseq

[NP_001106962](#)

MIM

[300410](#)

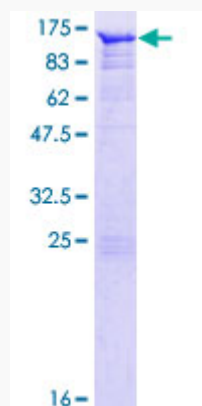
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UniProt ID

Q4VCS5



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