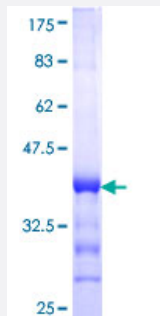


AMOT (Human) Recombinant Protein (Q01)

Catalog # H00154796-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human AMOT partial ORF (NP_573572, 361 a.a. - 460 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RKEPSKTEQLSCMRPAKSLMSISNAGSGLLSHSSTLTGSPIMEEKRDDKSWKGSLGILLGGDYRAEYVPSTPSPVPPSTPLLSAHSKTGSRDCSTQTERG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — AMOT

Entrez GeneID [154796](#)

GeneBank Accession# [NM_133265](#)

Protein Accession# [NP_573572](#)

Gene Name AMOT

Gene Alias KIAA1071

Gene Description angiomin

Omim ID [300410](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations OTTHUMP00000023866|angiomin p130 isoform|angiomin p80 isoform

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)