

Product datasheet for PH320347

Angiomotin (AMOT) (NM_133265) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	AMOT MS Standard C13 and N15-labeled recombinant protein (NP_573572)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220347
Predicted MW:	72.6 kDa
Protein Sequence:	>RC220347 protein sequence Red=Cloning site Green=Tags(s)

MPRAQPSSASYQVPADPFAIVSRAQQMVEILSDENRNLRQLEGYKVARLQKVETEIQRVSEAYENL
VKSSSKREALKAMRNKLEGEIRRMHDFNRDLRERLETANKQLAEKEYEGSEDRKTRKISQLFAKNKESQR
EKEKLEAELATARSTNEDQRRHIEIRDQAL SNAQAKVVKLEELKKKQVYVYDKVEKMQQALVQLQAACEK
REQLEHRLRTRLERELESRLIQQRQGNCPNTVSEYNAALMELLREKEERILALEADMTKWEQKYLEEN
VMRHFALDAAATVAAQRDTTVISHSPNTSYDTALEARIQKEEEEEILMANKRCLDMEGRIKTLHAQIEKD
AMIKVLQQRSRKEPSKTEQLSCMRPAKSLMSISNAGSGLLSHSSLTGSPIMEEKRDDKSWKGLGILLG
GDYRAEYVPSTPSPVPPSTPLLSAHSKTGSRDCSTQTERGTESNKAAPVAPISVPAPVAAAATAAAITAT
AATITTTMVAAAAPVAVAAAAAPAAAAAPSPATAAATAAVSPAAAGQIPAAASVASAAAVAPSAAAAAV
QVAPAAPVPAPALVPVPAPAAAQASAPAQTQAPTAPAVAPTPAPTPTPAVAQAEVPPASPATGPGPH
RLSIPSLTCNPDKTDGPVFSNTLERKTIQILGQEPDAEMVEYLI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_573572
RefSeq Size:	6514



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RefSeq ORF: 2028

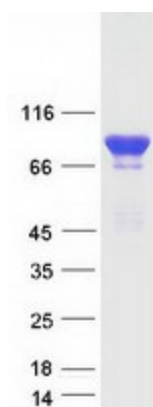
Locus ID: 154796

UniProt ID: [Q4VCS5](#)

Cytogenetics: Xq23

Summary: This gene belongs to the motin family of angiotensin 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 angiotensin 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]

Product images:



Coomassie blue staining of purified AMOT protein (Cat# [TP320347]). The protein was produced from HEK293T cells transfected with AMOT cDNA clone (Cat# [RC220347]) using MegaTran 2.0 (Cat# [TT210002]).