

## Product datasheet for TP320347M

### Angiotensin (AMOT) (NM\_133265) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human angiotensin (AMOT), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220347 protein sequence Red=Cloning site Green=Tags(s)

MPRAQPSSASYQVPADPFAIVSRAQQMVEILSDENRNLRQELEGCYEKVARLQKVETEIQRVSEAYENL  
VKSSSKREALEKAMRNKLEGEIRRMHDFNRDLRERLETANKQLAEKEYEGSEDTRKTISQLFAKNKESQR  
EKEKLEAELATARSTNEDQRRHIEIRDQALSNAQAKVVKLEELKKKQVYVDKVEKMQQALVQLQAACEK  
REQLEHRLRTRLERELESRLIQRRQGNCPNTVSEYNAAALMELLREKEERILALEADMTKWEQKYLEEN  
VMRHFALDAAATVAAQRDTPVISHSPNTSYDTALEARIQKEEEEILMANKRCLDMEGRIKTLHAQIIEKD  
AMIKVLQQRSRKEPSKTEQLSCMRPAKSLMSISNAGSGLLSHSSTLTGSPIMEEKRDDKSWKGSLLGILLG  
GDYRAEYVPSTPSPVPPSTPLLSAHSKTGSRDCSTQTERGTESNKTA AVAPISVPAPVAAAATAAATAT  
AATITTTMVAAPVAVAAAAAPAAAAAPSPATAAATAAVSPAAAGQIPAAASVASAAAVAPSAAAAAAV  
QVAPAAPAPVPAPALVPVPAPAAAQASAPAQTQAPTSAPAVAPTPTPTPAVAQAEVPPASPATGPGPH  
RLSIPSLTCNPDKTDGPFVHSNTLERKTPIQILGQEPDAEMVEYLI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

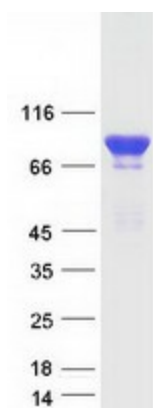
Tag:	C-Myc/DDK
Predicted MW:	72.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_573572</a>
<b>Locus ID:</b>	154796
<b>UniProt ID:</b>	<a href="#">Q4VCS5</a>
<b>RefSeq Size:</b>	6514
<b>Cytogenetics:</b>	Xq23
<b>RefSeq ORF:</b>	2028
<b>Summary:</b>	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]

### 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]).