

Product datasheet for TP320347

Angiotensin (AMOT) (NM_133265) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human angiotensin (AMOT), transcript variant 2, 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC220347 protein sequence
Red=Cloning site **Green**=Tags(s)

MPRAQPSSASYQVPADPFAIVSRAQQMVEILSDENRNLRQELEGCYEKVARLQKVETEIQRVSEAYENL
VKSSSKREALEKAMRNKLEGEIRRMHDFNRDLRERLETANKQLAEKEYEGSEDTRKTISQLFAKNKESQR
EKEKLEAELATARSTNEDQRRHIEIRDQALSNAQAKVVKLEELKKKQVYVDKVEKMQQALVQLQAACEK
REQLEHRLRTRLERELESRLRQQRQGNCPQNTVSEYNAAALMELLREKEERILALEADMTKWEQKYLEEN
VMRHFALDAAATVAAQRDTPVISHSPNTSYDTALEARIQKEEEEILMANKRCLDMEGRIKTLHAQIIEKD
AMIKVLQQRSRKEPSKTEQLSCMRPAKSLMSISNAGSGLLSHSSTLTGSPIMEEKRDDKSWKGSLLGILLG
GDYRAEYVPSTPSPVPPSTPLLSAHSKTGSRDCSTQTERGTESNKTA AVAPISVPAPVAAAATAAATAT
AATITTTMVAAPVAVAAAAA PAAAAA SPATAAATAAVSPAAAGQIPAAASVASAAAVAPSAAAAAAV
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.

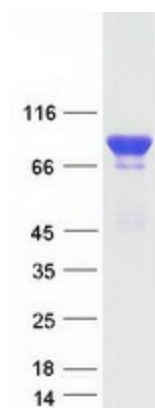
Storage: Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_573572
Locus ID:	154796
UniProt ID:	Q4VCS5
RefSeq Size:	6514
Cytogenetics:	Xq23
RefSeq ORF:	2028
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, 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]).