

Recombinant Human AMOTL2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. AMOTL2-3405H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AMOTL2 MS Standard C13 and N15-labeled recombinant protein (NP_057285) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Angiomotin is a protein that binds angiotatin, a circulating inhibitor of the formation of new blood vessels (angiogenesis). Angiomotin mediates angiotatin inhibition of endothelial cell migration and tube formation in vitro. The protein encoded by this gene is related to angiomotin and is a member of the motin protein family. Alternative splicing results in multiple transcript variants of this gene.
Molecular Mass	85.7 kDa
AA Sequence	MRTLEDSSGTVLHRLIQEQLRYGNLTETRTLAIQQQALRGGAGTGGTGSPQASLEI LAPEDSQVLQQATRQEPQGQEHQGGENHLAENTLYRLCPQPSKGEELPTYEEAKA HSQYYAAQQAGTRPHAGDRDPRGAPGGSRQDEALREL RHGHVRSLSERLLQLSL ERNGARAPSHMSSSHSFPQLARNQQGPPLRGPPAEGPESRGPPPQYPHVLAHET TTAVTDPRYRARGSPHFQHA EVRILQAQVPPVFLQQQQQYQYLQSSQEHPPPHP AALGHGPLSSLSPPAVEGPVSAQASSATSGSAHLAQMEAVLRENARLQRDNERLQ RELESSAEKAGRIEKLSEIQRLSEAHESLTRASSKREALEKTMRNKMDSMRRLQD FNRDLRERLESANRRLASKTQEAQAGSQDMVAKLLAQSYEQQQEQEKLEREMALL

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RGAIEDQRRRAELLEQALGNAQGRAARAEELRKKQAYVEKVERLQQALGQLQAA
 CEKREQLRLRLRTRLEQELKALRAQQRQAGAPGGSSGSGGSPELSALRLSEQLREK
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 SRDGSTQTEGPPDSTSTCLPPEPDSLLGCSSSQRAASLDSVATSRVQDLSDMVEILI
 TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	AMOTL2 angiomin like 2 [Homo sapiens (human)]
Official Symbol	AMOTL2
Synonyms	AMOTL2; angiomin like 2; LCCP; angiomin-like protein 2; Leman coiled-coil protein
Gene ID	51421
mRNA Refseq	NM_016201

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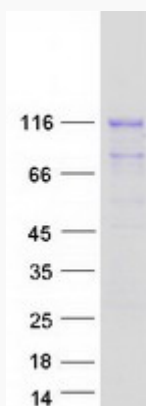
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Protein Refseq NP_057285

MIM 614658

UniProt ID Q9Y2J4

SDS-PAGE



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