

## Product datasheet for **TP507385**

### Amotl2 (NM\_019764) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse angiomin-2 (Amotl2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR207385 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MRTLEDSSGTVLHRLIQEQLRYGNLTETRTLLAIQQALRGGAGAGGTGSPQASLEIGAPEDSQVLQQAT  
RQEPQGQEHQGGETHLAENRLYRLCPQPSKGEELPTYEEAKAHSQYYAAQAGSRPHVGDPRGGVSGG  
GRRQDEALRELRHGHVRSLSERLLQLSLERNGARVPSHMSSSHFPQLARSQQGPQPRGPPAEGPEPRGP  
PPQYPHAVMAQETA AVTDPYRPRSSPHFQHA EVRILQAQVPPVFLQQQYQYLPQPQEHSPPLHPAALG  
HGPPSSFGPPAVEGPPSAQATLGS AHLAQMETVLRNARLQRDNERLQRELESTSEKAGRIEKL ENEIQR  
LSEAHESLMRTSSKREALEKTMRNKMDGEMRRLQDFNRDLRERLESANRHLASKTQEAQAGSQDMVAKLL  
AQSYEQQQEQEKLEREMALLRGAIEDQRRHAELEQALGNAQSRAARAEELRKKQAYVEKVERLQQALG  
QLQAACEKREQLRLRTRLEQELKALRAQQRQTGTLAGGGGSHGGSAELSALRLSEQLREKEEQILALE  
ADMTKWEQKYLEERAMRQFAMDAATAAAQRD TLLIRHSPQSPSSSFNEGLLPGNHRHQEMESRLKVLH  
AQILEKDAVIKVLQQRSRKDPGKATQGTLRPAKSVPSIFAAVGTQGWQGLVSSERQTDARPAGDRVPAE  
EPPATAPLPAHTKHGSRDGTQTDGPADNTSACLASEPDGLLGCNSSQRTPSLDSIAATRVQDLSDMVEI  
LI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	85.3 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
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 after receiving vials.



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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_062738</a>
<b>Locus ID:</b>	56332
<b>UniProt ID:</b>	<a href="#">Q8K371</a>
<b>RefSeq Size:</b>	4191
<b>Cytogenetics:</b>	9 F1
<b>RefSeq ORF:</b>	2319
<b>Synonyms:</b>	AW549739; C79691; Lccp; MASCOT; mKIAA0989
<b>Summary:</b>	Regulates the translocation of phosphorylated SRC to peripheral cell-matrix adhesion sites. Required for proper architecture of actin filaments. Inhibits the Wnt/beta-catenin signaling pathway, probably by recruiting CTNNB1 to recycling endosomes and hence preventing its translocation to the nucleus. Participates in angiogenesis. May play a role in the polarity, proliferation and migration of endothelial cells. Selectively promotes FGF-induced MAPK activation through SRC (By similarity).[UniProtKB/Swiss-Prot Function]