Recombinant Human AMOTL2 Protein, His&GST-tagged

Cat. No. AMOTL2-142H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMOTL2 Protein (Met1-Arg230) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Arg230
Description	Angiomotin is a protein that binds angiostatin, a circulating inhibitor of the formation of new blood vessels (angiogenesis). Angiomotin mediates angiostatin 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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 55.1 kDa Accurate Molecular Mass: 55 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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	accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	AMOTL2 angiomotin like 2 [Homo sapiens (human)]
Official Symbol	AMOTL2
Synonyms	AMOTL2; angiomotin like 2; LCCP; angiomotin-like protein 2; Leman coiled-coil protein
Gene ID	51421
mRNA Refseq	NM_016201
Protein Refseq	NP_057285
MIM	614658
UniProt ID	Q9Y2J4

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