

Recombinant Mouse Amotl1 Protein, His-tagged

Cat. No. Amotl1-141M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Amotl1 Protein (Met1-Gly268) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Gly268
Description	Predicted to enable identical protein binding activity. Acts upstream of or within establishment of cell polarity involved in ameboidal cell migration and positive regulation of blood vessel endothelial cell migration. Located in several cellular components, including apical plasma membrane; bicellular tight junction; and lamellipodium. Is expressed in brain and head. Orthologous to human AMOTL1 (angiomin like 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.7 kDa Accurate Molecular Mass: 39 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by 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	Amotl1 angiotensin-like 1 [Mus musculus (house mouse)]
Official Symbol	Amotl1
Synonyms	AMOTL1; angiotensin-like 1; angiotensin-like protein 1; JEAP; mFLJ00155; 2310010G08Rik; 2310067L22Rik; 4932416D09Rik; FLJ00155
Gene ID	75723
mRNA Refseq	NM_001081395
Protein Refseq	NP_001074864
UniProt ID	Q9D4H4

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