

Recombinant Human AMOTL1 Protein, His-tagged

Cat. No. AMOTL1-140H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMOTL1 Protein (Met1-Lys251) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Lys251
Description	The protein encoded by this gene is a peripheral membrane protein that is a component of tight junctions or TJs. TJs form an apical junctional structure and act to control paracellular permeability and maintain cell polarity. This protein is related to angiomin, an angiostatin binding protein that regulates endothelial cell migration and capillary formation. Two transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.6 kDa Accurate Molecular Mass: 40 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 angiomin like 1 [Homo sapiens (human)]
Official Symbol	AMOTL1
Synonyms	AMOTL1; angiomin like 1; angiomin-like protein 1; JEAP; junction enriched and associated protein; junction-enriched and associated protein
Gene ID	154810
mRNA Refseq	NM_130847
Protein Refseq	NP_570899
MIM	614657
UniProt ID	Q8IY63

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