Recombinant Mouse Amot Protein, Myc/DDK-tagged

Cat. No. Amot-1613M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length angiomotin (Amot), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a central role in tight junction maintenance via the complex formed with ARHGAP17, which acts by regulating the uptake of polarity proteins at tight junctions. Appears to regulate endothelial cell migration and tube formation. May also play a role in the assembly of endothelial cell-cell junctions.
Molecular Mass	120.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Amot angiomotin [Mus musculus (house mouse)]
Official Symbol	Amot
Synonyms	AMOT; angiomotin; Sii6; CAG-2; C81439; D0Kist1; mKIAA1071; E230009N18Rik
Gene ID	27494
mRNA Refseq	NM_153319
Protein Refseq	NP_695231
UniProt ID	Q8VHG2

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