

Recombinant Human ANLN

Catalog No: #GP11038



Package Size: #GP11038-1 100ug

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Description

Product Name	Recombinant Human ANLN
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from C terminal 300 amino acids of human anillin, actin binding protein
Target Name	anillin, actin binding protein
Other Names	scra; Scraps
Accession No.	Swissprot:Q9NQW6Gene Accession:BC034692
Uniprot	Q9NQW6
GenID	54443;
Storage	-20~-80°C, pH 7.6 PBS

Background

?Anillin, also known as scraps homolog, is an evolutionarily conserved Actin- binding protein required for cytokinesis that was first identified in *Drosophila melanogaster*. Anillin is a ubiquitously expressed protein with highest expression levels in the central nervous system. It is predominantly found in the nucleus and it localizes to the cleavage furrow during cytokinesis, forming a ring with the help of Rac GTPase. During cytokinesis, Anillin interacts with CD2AP and functions to concentrate Rho A and maintain the localization of active Myosin. In Anillin knockout cells the cleavage furrow fails to complete ingression. Anillin expression levels fluctuate with the cell cycle, peaking in mitosis.?

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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