

Recombinant Human CTNNA1

Catalog No: #GP10252



Package Size: #GP10252-1 100ug

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Description

Product Name	Recombinant Human CTNNA1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 300 amino acids of human catenin (cadherin-associated protein), alpha 1, 102kDa
Target Name	Catenin (cadherin-associated protein), alpha 1, 102kDa
Other Names	CAP102
Accession No.	Swissprot:P35221Gene Accession:BC031262
Uniprot	P35221
GenID	1495;
Storage	-20~-80°C, pH 7.6 PBS

Background

Catenin alpha-1 is a protein that in humans is encoded by the CTNNA1 gene. Associates with the cytoplasmic domain of a variety of cadherins. The association of catenins to cadherins produces a complex which is linked to the actin filament network, and which seems to be of primary importance for cadherins cell-adhesion properties. Can associate with both E- and N-cadherins. Originally believed to be a stable component of E-cadherin/catenin adhesion complexes and to mediate the linkage of cadherins to the actin cytoskeleton at adherens junctions. In contrast, cortical actin was found to be much more dynamic than E-cadherin/catenin complexes and CTNNA1 was shown not to bind to F-actin when assembled in the complex suggesting a different linkage between actin and adherens junctions components.

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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