

## CTNNA1 抗原（重组蛋白）

中文名称：CTNNA1 抗原（重组蛋白）

英文名称：CTNNA1 Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to C terminal 300 amino acids of human CTNNA1

技术规格

<b>Full name:</b>	Catenin (cadherin-associated protein), alpha 1, 102kDa
<b>Synonyms:</b>	CAP102
<b>Swissprot:</b>	P35221
<b>Gene Accession:</b>	BC031262
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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

esting a different linkage between actin and adherens junctions co  
mponents.