

Recombinant Human CTNNA2, His-tagged

Cat. No. CTNNA2-27148TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 681-905 of Human alpha 2 Catenin isoform 2, with N terminal His tag, 225aa, MWt 26kDa,
Species	Human
Source	E.coli
ProteinLength	681-905 a.a.
Description	It has been shown that alpha N-catenin, a linker between cadherin adhesion receptors and the actin cytoskeleton, is essential for stabilizing dendritic spines in rodent hippocampal neurons in culture.
Conjugation	HIS
Form	Lyophilised:Reconstitution with 80 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	AKIAEQVEIFHQEKSKLDAEVAKWDDSGNDIIVLAKQMCM IMMEMTDFTRGKGPLK NTSDVINAAKKIAEAGSRMDKL ARAVADQCPDSACKQDLLAYLQRIALYCHQLNICS KVK AEVQNLGGELIVSGLDSATSLIQAAKNLMNAVVLTVKA SYVASTKYQKVYGTAA

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AVNSPVVSWKMKAPEKKPLVKREKP EEFQTRVRRGSQKKHISPVQALSEFKAMDS
F

GENE INFORMATION

Gene Name	CTNNA2 catenin (cadherin-associated protein), alpha 2 [Homo sapiens]
Official Symbol	CTNNA2
Synonyms	CTNNA2; catenin (cadherin-associated protein), alpha 2; catenin alpha-2; cadherin associated protein; related; cancer/testis antigen 114; CAP R; CT114;
Gene ID	1496
mRNA Refseq	NM_004389
Protein Refseq	NP_004380
MIM	114025
Uniprot ID	P26232
Chromosome Location	2p12-p11.1
Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem;

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Function

cadherin binding; protein binding; structural constituent of cytoskeleton;

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