

Recombinant Human CTNNA2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CTNNA2-984H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CTNNA2 MS Standard C13 and N15-labeled recombinant protein (NP_004380) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	CTNNA2 (Catenin Alpha 2) is a Protein Coding gene. Diseases associated with CTNNA2 include Cortical Dysplasia, Complex, With Other Brain Malformations 9 and Arrhythmogenic Right Ventricular Cardiomyopathy. Among its related pathways are Blood-Brain Barrier and Immune Cell Transmigration: VCAM-1/CD106 Signaling and Gastric cancer. Gene Ontology (GO) annotations related to this gene include structural molecule activity and structural constituent of cytoskeleton. An important paralog of this gene is CTNNA1.
Molecular Mass	100.4 kDa
AA Sequence	MTSATSPIILKWDPKSLEIRLTVERLLEPLVTQVTTLVNTSNKGPSGKKKGRSKKAH VLAASVEQATQNFLEKGEQIAKESQDLKEELVAAVEDVRKQGETMRIASSEFADDPC SSVKRGTMVRAARALLSAVTRLLILADMADVMRLLSHLKIVVEALEAVKNATNEQDLA NRFKEFGKEMVKLNYVAARRQQELKDPHCRDEMAAARGALKKNATMLYTASQAFL RHPDVAATRANRDYVFKQVQEAIGISNAAQATSPTDEAKGHTGIGELAAALNEFDN KIILDPMTFSEARFRPSLEERLESISGAALMADSSCTRDDRRERIVAECNAVRQALQ

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DLLSEYMNNTGRKEKGDPLNIAIDKMTKKTRDLRRQLRKAVMDHISDSFLETNVPLL
 VLIEAAKSGNEKEVKEYAQVFREHANKLVEVANLACSISNNEEGVKLVMAATQIDSL
 CPQVINAALTAAARPQSKVAQDNMDVFKDQWEKQVRVLTEAVDDITSVDDFLSVSE
 NHILEDVNKCVIALQEGDVTDLRTAGAIRGRAARVIHINAEMENYEAGVYTEKVL
 TKLLSETVMPRFAEQVEVAIEALSANVPQPFEENEFDASRLVYDGVRDIRKAVLMIR
 TPEELEDSDFEQEDYDVRSTSVQTEDDQLIAGQSARAIMAQLPQEEKAKIAEQVE
 IFHQEKSKLDAEVAKWDDSGNDIIVLAKQMCMIMMEMTDFTRGKGPLKNTSDVINAA
 KKIAEAGSRMDKLARAVADQCPDSACKQDLLAYLQRIALYCHQLNICKVKAQVQNL
 GGELIVSGLDSATSLIQAANKLMNAVVLTVKASYVASTKYQKVYGTAAVNSPVVSWK
 MKAPEKKPLVKREKPEEFQTRVRRGSQKKHISPVQALSEFKAMDSFTRTRPLEQKLI
 SEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CTNNA2 catenin alpha 2 [Homo sapiens (human)]

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; alpha N-

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catenin; alpha-N-catenin; alpha-catenin-related protein; cadherin-associated protein, related; CAPR; CTNR; CAP-R; DKFZp686H02198;

Gene ID 1496

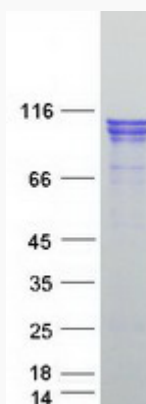
mRNA Refseq NM_004389

Protein Refseq NP_004380

MIM 114025

UniProt ID P26232

SDS-PAGE



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