

Recombinant Human CTNNA3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CTNNA3-4275H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CTNNA3 MS Standard C13 and N15-labeled recombinant protein (NP_037398) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein that belongs to the vinculin/alpha-catenin family. The encoded protein plays a role in cell-cell adhesion in muscle cells. Mutations in this gene are associated with arrhythmogenic right ventricular dysplasia, familial 13. Alternative splicing results in multiple transcript variants.
Molecular Mass	99.6 kDa
AA Sequence	MSAETPITLNIDPQDLQVQTFTVEKLEPLIIQVTTLVNCPQNPSSRKKGRSKRASVLL ASVEEATWNLLDKGEKIAQEATVLKDELTASLEEVKKESEALKVSAERFTDDPCFLP KREAVVQAARALLAAVTRLLILADMIDVMCLLQHVSAFQRTFESLKNVANKSDLQKTY QKLGKELENLDYLAFKRQQDLKSPNQRDEIAGARASLKENSPLLHSICSACLEHSDV ASLKASKDTVCEEIQNALNVISNASQGIQNMTPPEPQAATLGSALDELENLIVLNPLT VTEEEIRPSLEKRLEAIISGAALLADSSCTRDHLRERIIAECNAIRQALQDLLSEYMNNA GKKERSNTLNIALDNMCKKTRDLRRQLRKAIDHVSDFSFLDTTVPLLVLIEAAKNGRE KEIKEYAAIFHEHTSRLVEVANLACSMSTNEDGIKIVKIAANHLETLC PQIINAALALAA RPKSQAVKNTMEMYKRTWENHIHVLTEAVDDITSIDDFLAVSESHILEDVVKCIALRD

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QDADNLDRAAGAIRGRAARVAHIVTGEMDSYEPGAYTEGVMRNVNFLTSTVIPEFVT
QVNVALEALSKSSLNVLDDNQFVDISKKIYDTIHDRCSVMMIRTPEELEDVSDLEEEH
EVRSHTSIQTEGKTDRAKMTQLPEAEKEKIAEQVADFKKVKSKLDAEIEIWDDTSNDII
VLAKNMCMIMMEMTDFTRGKGPLKHTTDDVIYAAKMISESGSRMDVLARQIANQCPD
PSCQDLLAYLEQIKFYSHQLKICSQVKAEIQNLGGELIMSALDSVTSLIQAAKNLMNA
VVQTVKMSYIASTKIIRIQSPAGPRHPVVMWRMKAPAKKPLIKREKPEETCAAVRRG
SAKKKIHLPLQVMSEFRGRQIYTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 CTNNA3 catenin alpha 3 [Homo sapiens (human)]

Official Symbol CTNNA3

Synonyms CTNNA3; catenin (cadherin-associated protein), alpha 3; catenin alpha-3; MGC26194; VR22; alpha T-catenin; alpha-T-catenin; alpha-catenin-like protein; cadherin-associated protein; MGC75041;

Gene ID 29119

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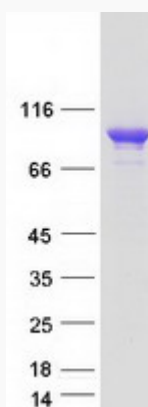
mRNA Refseq NM_013266

Protein Refseq NP_037398

MIM 607667

UniProt ID Q9UI47

SDS-PAGE



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