

Recombinant Human CTNNAL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CTNNAL1-3717H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CTNNAL1 MS Standard C13 and N15-labeled recombinant protein (NP_003789) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	May modulate the Rho pathway signaling by providing a scaffold for the Lbc Rho guanine nucleotide exchange factor (ARHGEF1).
Molecular Mass	81.9 kDa
AA Sequence	MAASPGPAGVGGAGAVYGS GSSGFALDSGLEIKTRSVEQTLLPLVSQITT LINHKDN TKKSDKTLQAIQRVGQAVNLAVGRFVKVGEAIANENWDLKEEINIACIEAKQAGETIA ALTDITNLNHLES DGQITIFTDKTGVIKAARLLLSSVTKVLLLADR VVIKQIITSRNK VLA TMERLEKVN SFQEFVQIFSQFGNEMVEFAHLSGDRQNDLKDEKKKAKMAAARAVLE KCTMMLLTASKTCLRH PNCESAHKNKEGVFDRMKVALDKVIEIVTDCKPNGETDISSI SIFTGIKEFKMNIEALRENLYFQSKENLSVTLEVILERMEDFTDSAYTSHEHRERILELS TQARMELQQ LISVWIQAQSKKTKSIAEELELSILKISHSLNELKKELHSTATQLAADLLK YHADHVVLKALKLTGVEGNLEALAEYACKLSEQKEQLVETCRLLRHISGTEPLEITCIH AEETFQVTGQQIISAAETLTHPSSKIAKENLDVFCEAWESQISDMSTLLREINDVFEG RRGEKYGYLSLPKPMKNNANLKS LKPDKPDSEEQAKIAKLGLKGLLTSDADCEIEK WEDQENEIVQYGRNMSSMAYSLYLFTRGEGPLKTSQDLIHQLEVFAAEG LKLTSSV

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QAFSKQLKDDDKLMLLLEINKLIPLCHQLQTVTKTSLQNKVFLKVDKCITKTRSMMAL
LVQLLSLCYKLLKKLQMENNGWVSVTNKDTMDSKTTRTRPLEQKLISEEDLAANDIL
DYKDDDDKV

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 CTNNAL1 catenin alpha like 1 [Homo sapiens (human)]

Official Symbol CTNNAL1

Synonyms CTNNAL1; catenin (cadherin-associated protein), alpha-like 1; alpha-catulin; alpha CATU; alpha catulin; alpha2 catulin; CLLP; ACRP; alpha2-catulin; catenin alpha-like protein 1; alpha-catenin-related protein; alpha-CATU; FLJ08121;

Gene ID 8727

mRNA Refseq NM_003798

Protein Refseq NP_003789

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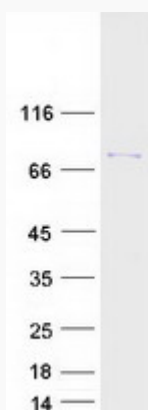
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MIM 604785

UniProt ID Q9UBT7

SDS-PAGE



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