

## Product datasheet for TP317961

### CTNNAL1 (NM\_003798) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human catenin (cadherin-associated protein), alpha-like 1 (CTNNAL1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217961 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAASPGPAGVGGAGAVYGSGSSGFALDSGLEIKTRSVEQTLPLVLSQITTLINHKDNTKKSDKTLQAIQR  
VGQAVNLAVGRFVKVGEAIANENWDLKEEINIACIEAKQAGETIAALTDITNLNHLESDGQITIFTDKTG  
VIKAARLLSSVTKVLLLADRVIKQIITSRNKVLATMERLEKVNFSQEFVQIFSQFGNEMVEFAHLSGD  
RQNDLKDEKKKAKMAAARAVLEKCTMMLLTASKTCLRHPNCESAHKNKEGVFDRMKVALDKVIEIVTDCK  
PNGETDISSISIFTGIKEFKMNIEALRENLYFQSKENLSVTLEVILERMEDFTDSAYTSHEHRERILELS  
TQARMELQQLISVWIQAQSKKTKSIAEELELSILKISHSLNELKKELHSTATQLAADLLKYHADHWVLKA  
LKLTGVEGNLEALAEYACKLSEQKEQLVETCRLLRHISGTEPLEITCIHAEETFQVTGQQIISAAETLTL  
HPSSKIAKENLDVFCEAWESQISDMSTLLREINDVFEGRRGEKYGYLSLPKPMKNNANLKS LKPKDPDSE  
EQAKIAKLGKLGLLTSDADCEIEKWEDQENEIVQYGRNMSSMAYSLYLFRGEGPLKTSQDLIHQLEVF  
AAEGLKLTSSVQAFSKQLKDDDKLMLLLEINKLIPLCHQLQTVTKTSLQNKVFLKVDKCITKTRSMALL  
VQLLSLCYKLLKLMENNGWVSVTNKDTMDSKT

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

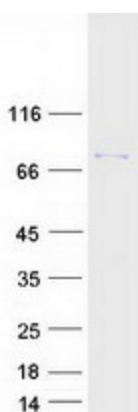
Tag:	C-Myc/DDK
Predicted MW:	81.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_003789</a>
Locus ID:	8727
UniProt ID:	<a href="#">Q9UBT7</a> , <a href="#">B3KMX6</a>
RefSeq Size:	2573
Cytogenetics:	9q31.3
RefSeq ORF:	2202
Synonyms:	ACRP; alpha-CATU; CLLP
Summary:	May modulate the Rho pathway signaling by providing a scaffold for the Lbc Rho guanine nucleotide exchange factor (ARHGEF1).[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome

### Product images:



Coomassie blue staining of purified CTNNAL1 protein (Cat# TP317961). The protein was produced from HEK293T cells transfected with CTNNAL1 cDNA clone (Cat# [RC217961]) using MegaTran 2.0 (Cat# [TT210002]).