

Recombinant Human CTNND1 Protein, His-tagged

Cat. No. CTNND1-15H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CTNND1 protein with a His-tag was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	325-869 aa
Description	This gene encodes a member of the Armadillo protein family, which function in adhesion between cells and signal transduction. Multiple translation initiation codons and alternative splicing result in many different isoforms being translated. Not all of the full-length nature of the described transcript variants have been determined. Read-through transcription also exists between this gene and the neighboring upstream thioredoxin-related transmembrane protein 2 (TMX2) gene.
Molecular Mass	The protein has a calculated MW of 61 kDa.
AA Sequence	MHHHHHHIGEEVPSDQYYWAPLAQHERGSLASLDSLRKGGPPPPNWRQPELPEVI AMLGFRLDAVKSNAAYLQHLCYRNDKVKT DVRKLKGIPVLVGLLDHPKKEVHLGAC GALKNISFGRDQDNKIAIKNCDGVPALVRLLRKARDMDLTEVITGTLWNLSHDSIKM EIVDHALHALTDEVIIPHSGWEREPNEDCKPRHIEWESVLTNTAGCLRNVSSERSEA RRKLRECDGLVDALIFIVQAEIGQKDSDSLKLVENCVCLLRNLSYQVHREIPQAERYQE AAPNVANNTGPHAASCFGAKKKGKGGKPIEDPANDTVDFPKRTSPARGYELLFQPEV VRIYISLLKESKTPAILEASAGAIQNLCAGRWTYGRYIRSALRQEKALSAIADLLTNEHE RVVKAASGALRNLAVDARNKELIGKHAIPNLVKNLPGGQQNSSWNFSEDTVISILNTI

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NEVIAENLEAAKKLRETQGIEKLVLINKSGNRSEKEVRAAALVLQTIWGYKELRKPLE
KEGWKKSDQVNLNNASRSQSSHSYDDST

Purity >90% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 0.34 mg/mL

Storage Buffer PBS, pH7.4

GENE INFORMATION

Gene Name CTNND1 catenin (cadherin-associated protein), delta 1 [Homo sapiens (human)]

Official Symbol CTNND1

Synonyms CTNND1; catenin (cadherin-associated protein), delta 1; CTNND; catenin delta-1; KIAA0384; p120; p120cas; p120ctn; p120 catenin; cadherin-associated Src substrate; CAS; P120CAS; P120CTN; p120(CAS); p120(CTN);

Gene ID 1500

mRNA Refseq NM_001085458

Protein Refseq NP_001078927

MIM 601045

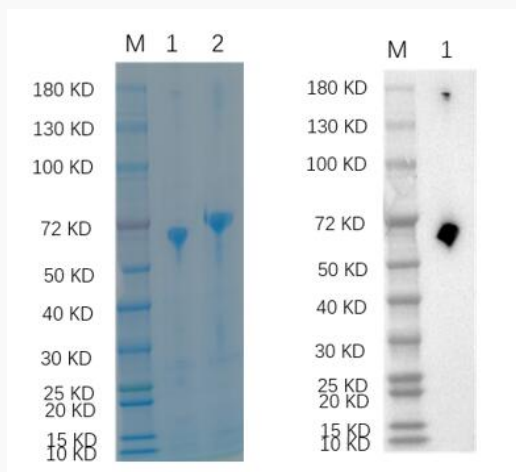
UniProt ID O60716

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SDS-PAGE:



Reducing 12% SDS-PAGE and WB analysis profile of purified CTNND1

1. CTNND1

2. BSA