Recombinant Human CTNND1

Cat. No. CTNND1-26995TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human delta 1 Catenin with N terminal proprietary tag; predicted MWt: 37.73 kDa including the tag.
Species	Human
Source	Wheat Germ
ProteinLength	110 amino acids
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 natures 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 Weight	37.730kDa inclusive of tags
Tissue specificity	Expressed in vascular endothelium.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.3% Glutathione

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	WGYKELRKPLEKEGWKKSDFQVNLNNASRSQSSHSYDDST LPLIDRNQKSDKKPD REEIQMSNMGSNTKSLDNNYSTPNE RGDHNKTLDRSGDLGDMEPLKGTTPLMQKI
Sequence Similarities	Belongs to the beta-catenin family.Contains 10 ARM repeats.

GENE INFORMATION

Gene Name	CTNND1 catenin (cadherin-associated protein), delta 1 [Homo sapiens]
Official Symbol	CTNND1
Synonyms	CTNND1; catenin (cadherin-associated protein), delta 1; CTNND; catenin delta-1; KIAA0384; p120; p120cas; p120ctn;
Gene ID	1500
mRNA Refseq	NM_001085458
Protein Refseq	NP_001078927
MIM	601045
Uniprot ID	O60716
Chromosome Location	11q12.1
Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved

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	biosystem; Adherens junctions interactions, organism-specific biosystem; Arf6 trafficking events, organism-specific biosystem; Cell junction organization, organism-specific biosystem;
Function	RPTP-like protein binding; cadherin binding; protein binding; protein domain specific binding; protein phosphatase binding;

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