Recombinant Human CTNNA1 Protein, His-tagged

Cat. No. CTNNA1-399H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CTNNA1(Thr2~Cys228) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr2~Cys228
Description	This gene encodes a member of the catenin family of proteins that play an important role in cell adhesion process by connecting cadherins located on the plasma membrane to the actin filaments inside the cell. The encoded mechanosensing protein contains three vinculin homology domains and undergoes conformational changes in response to cytoskeletal tension, resulting in the reconfiguration of cadherin-actin filament connections. Certain mutations in this gene cause butterfly-shaped pigment dystrophy.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	28.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%

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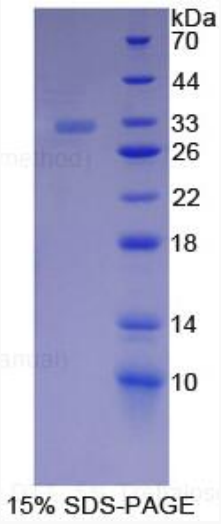
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	CTNNA1 catenin (cadherin-associated protein), alpha 1, 102kDa [Homo sapiens]
Official Symbol	CTNNA1
Synonyms	CTNNA1; catenin (cadherin-associated protein), alpha 1, 102kDa; catenin (cadherin associated protein), alpha 1 (102kD); catenin alpha-1; CAP102; alpha-catenin; alphaE-catenin; alpha E-catenin; alpha-E-catenin; renal carcinoma antigen NY-REN-13; cadherin-associated protein,102kDa; FLJ36832; FLJ52416;
Gene ID	1495
mRNA Refseq	NM_001903
Protein Refseq	NP_001894
MIM	116805

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UniProt ID	P35221



15% SDS-PAGE

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