

Recombinant Full Length Human CTNNA1 Protein, GST-tagged

Cat. No. CTNNA1-2294HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CTNNA1 full-length ORF (AAH31262.1, 1 a.a. - 536 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	536 amino acids
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. [provided by RefSeq, May 2016]
Molecular Mass	85.9 kDa
AA Sequence	MTKKTRDLRRQLRKAVMDHVSDSFLETNPPLLVLIEAAKNGNEKEVKEYAQVFREH ANKLIEVANLACISISNNEEGVKLVRMSASQLEALCPQVINAALALAAKPQSKLAQENM DLFKEQWEKQVRVLTDAVDDITSIDDFLAVSENHILEDVNKCVIALQEKDVGDLDRTA GAIRGRAARVIHVVTSEMDNYEPGVYTEKVLKLLSNTVMPRFTEQVEAAVEALS SDPAQPMDENEFIDASRLVYDGIKAVLMIRTPPEELDDSDFFETEDFDVRSRTSV QTEDDQLIAGQSARAIMAQLPQEQKAKIAEQVASFQEEKSKLDAEVSKWDDSGNDII

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

VLAKQMCMIMMEMTDFTRGKGPLKNTSDVISAACKIAEAGSRMDKLGRTIADHCPD
SACKQDLLAYLQRIALYCHQLNICKSVKAEVQNLGGELVVGVDSSAMSLIQAAKNLM
NAVVQTVKASYVASTKYQKSQGMASLNLPAVSWKMKAPEKKPLVKREKQDETQTKI
KRASQKKHVNVPVQALSEFKAMDSI

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq	NP_001894
MIM	116805
UniProt ID	P35221

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA