

## Recombinant Human CTNNA2 Protein, GST-tagged

**Cat. No.** CTNNA2-2078H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CTNNA2 full-length ORF ( NP_004380.2, 1 a.a. - 905 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | CTNNA2 (Catenin Alpha 2) is a Protein Coding gene. Diseases associated with CTNNA2 include Mixed Germ Cell Cancer. Among its related pathways are Sertoli-Sertoli Cell Junction Dynamics and Blood-Brain Barrier and Immune Cell Transmigration: VCAM-1/CD106 Signaling Pathways. GO annotations related to this gene include structural molecule activity and structural constituent of cytoskeleton. An important paralog of this gene is CTNNA1.                                                                                    |
| <b>Molecular Mass</b>   | 126.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | <p>MTSATSPIILKWDPKSLEIRLTVERLLEPLVTQVTTLVNTSNKGPSGKKKGRSKKAH</p> <p>VLAASVEQATQNFLEKGEQIAKESQDLKEELVAAVEDVRKQGETMRIASSEFADDPC</p> <p>SSVKRGTMVRAARALLSAVTRLLILADMADVMRLLSHLKIVVEALEAVKNATNEQDLA</p> <p>NRFKEFGKEMVKLNYVAARRQQELKDPHCRDEMAAARGALKKNATMLYTASQAF</p> <p>RHPDVAATRANRDYVFKQVQEAIAGISNAAQATSPTDEAKGHTGIGELAAALNEFDN</p> <p>KIILDPMTFSEARFRPSLEERLESISGAALMADSSCTRDDRERIVAECNAVRQALQ</p> <p>DLLSEYMNNTGRKEKGDPLNIAIDKMTKKTRDLRRQLRKAVMDHISDSFLETNVPLL</p> <p>VLIEAAKSGNEKEVKEYAQVFREHANKLVEVANLACSSISNNEEGVKLVRMAATQIDSL</p> |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

CPQVINAALTLAARPQSKVAQDNMDVFKDQWEKQVRVLTEAVDDITSVDDFLSVSE  
 NHILEDVNKCVIALQEGDVDTLDRTAGAIRGRAARVIHIINAEMENYEAGVYTEKVL  
 TKLLSETVMPRFAEQVEVAIEALSANVPQPFEENEFIGASRLVYDGVDIRKAVLMIR  
 TPEELEDSDFEQEDYDVRSTSVQTEDDQLIAGQSARAIMAQLPQEEKAKIAEQVE  
 IFHQEKSKLDAEVAKWDDSGNDIIVLAKQMCMIMMEMTDFTRGKGPLKNTSDVINAA  
 KKIAEAGSRMDKLARAVADQCPDSACKQDLLAYLQRIALYCHQLNICKSVKAEVQNL  
 GGELIVSGLDSATSLIQAANKLMNAVVLTVKASYVASTKYQKVYGTAAVNSPVVSWK  
 MKAPEKKPLVKREKPEEFQTRVRRGSQKKHISPVQALSEFKAMDSF

**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**

CTNNA2 catenin (cadherin-associated protein), alpha 2 [ Homo sapiens ]

**Official Symbol**

CTNNA2

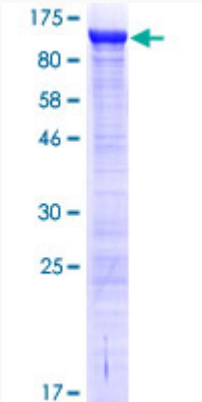
**Synonyms**

CTNNA2; catenin (cadherin-associated protein), alpha 2; catenin alpha-2; cadherin associated protein; related; cancer/testis antigen 114; CAP R; CT114; alpha N-catenin; alpha-N-catenin; alpha-catenin-related protein; cadherin-associated protein, related; CAPR; CTNR; CAP-R; DKFZp686H02198;

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|                                 |                                                                                                                                        |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>                  | 1496                                                                                                                                   |
| <b>mRNA Refseq</b>              | NM_001164883                                                                                                                           |
| <b>Protein Refseq</b>           | NP_001158355                                                                                                                           |
| <b>MIM</b>                      | 114025                                                                                                                                 |
| <b>UniProt ID</b>               | P26232                                                                                                                                 |
| <b>Quality Control Testing:</b> |  <p>12.5% SDS-PAGE Stained with Coomassie Blue.</p> |