

Recombinant Full Length Human CTNNA2 Protein, GST-tagged

Cat. No. CTNNA2-2306HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CTNNA2 full-length ORF (NP_004380.2, 1 a.a. - 905 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	905 amino acids
Description	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.
Molecular Mass	126.8 kDa
AA Sequence	MTSATSPIILKWDPKSLEIRTLTVERLLEPLVTQVTTLVNTSNKGPSGKKKGRSKKAH VLAASVEQATQNFLEKGEQIAKESQDLKEELVAAVEDVRKQGETMRIASSEFADDPC SSVKRGTMVRAARALLSAVTRLLILADMADVMRLLSHLKIVVEALEAVKNATNEQDLA NRFKEFGKEMVKLNYVAARRQQELKDPHCRDEMAAARGALKKNATMLYTASQAFL RHPDVAATRANRDYVFKQVQEAIAGISNAAQATSPTDEAKGHTGIGELAAALNEFDN KIILDPMTFSEARFRPSLEERLESISGAALMADSSCTRDDRERIVAECNAVRQALQ DLLSEYMNNTGRKEKGDPLNIAIDKMTKKTRDLRRQLRKAVMDHISDSFLETNVPLL

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VLIEAAKSGNEKEVKEYAQVFREHANKLVEVANLAC SISNNEEGVKLV RMAATQIDSL
 CPQVINAALT LAARPQSKVAQDNMDVFKDQWEKQVRVLTEAVDDITSVDDFLSVSE
 NHILEDVNKCVIALQEGDVDTLDR TAGAIRGRAARVIHIINAEMENYEAGVYTEKVL EA
 TKLLSETVMPRFAEQVEVAIEALSANVPQPFEENE FIDASRLVYDGVRDIRKAVLMIR
 TPEELEDSDSDFEQEDYDVR SRTSVQTEDDQLIAGQSARAIMAQLPQEEKAKIAEQVE
 IFHQEKSKLDAEVAKWDDSGNDIIVLAKQMCMIMMEMTDFTRGKGPLKNTSDVINAA
 KKIAEAGSRMDKLARAVADQCPDSACKQDLLAYLQRIALYCHQLNICKSVKAEVQNL
 GGELIVSGLDSATSLIQA AKNL MNVVLTVKASYVASTKYQKVYGTAAVN SPV VSWK
 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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Gene ID	1496
mRNA Refseq	NM_001164883
Protein Refseq	NP_001158355
MIM	114025
UniProt ID	P26232

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