

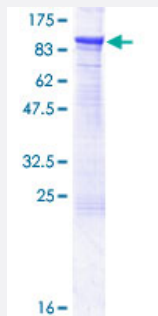
Full-Length

CTNNAL1 (Human) Recombinant Protein (P01)

Catalog # H00008727-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CTNNAL1 full-length ORF (NP_003789.1, 1 a.a. - 734 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAASPGPAGVGGAGAVYGS GSSGFALDSGLEIKTRSVEQTLLPLVSQITTLINHKDNTKKSDKTLQ
AIQRVGQAVNLAVGRFVKVGEAIAENENWDLKEEINACIEAKQAGETIAALTDITNLNHLESDGQITIF
TDKTGVIIKAARLLLSSVTKVLLLADRVVIKQIITSRNKVLATMERLEKVNSFQEFVQIFSQFGNEMVE
FAHLSGDRQNDLKDEKKKAKMAAARAVLEKCTMMLLTASKTCLRHPNCESAHKNKEGVFDRMK
VALDKVIENTDCKPNGETDISSISIFTGIKEFKMNIEALRENLYFQSKENLSVTLEVILERMEDFTDSA
YTSHEHRERILELSTQARMELQQLISVWQAQSKKTKSIAEELELSILKISHSLNELKKELHSTATQLA
ADLLKYHADHVVLKALKLTGVEGNLEALAEYACKLSEQKEQLVETCRLLRHISGTEPLEITCIHAE
TFQVTGQQIISAAETLTHPSSKIAKENLDVFCEAWESQISDMSTLLREINDVFEGRRGEKYGYLSL
PKPMKNNANLKSLKPKDPDSEEQAKIAKLGLKLGLLTSDADCEIEKWEDQENEIVQYGRNMSSM
AYSLYLFTRGEGPLKTSQDLIHQLEVFAAEGKLTSSVQAFSKQLKDDDKLMLLLEINKLIPLCHQL
QTVTKTSLQNKVFLKVDKCIKTRSMALLVQLLSLCYKLLKKLQMENNGWVSVTNKDTMDSKT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

108.3

Interspecies Antigen Sequence

Mouse (87); Rat (86)

Preparation Method

[in vitro wheat germ expression system](#)

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — CTNNAL1

Entrez GeneID	8727
GeneBank Accession#	NM_003798.1
Protein Accession#	NP_003789.1
Gene Name	CTNNAL1
Gene Alias	CLLP, FLJ08121, alpha-CATU
Gene Description	catenin (cadherin-associated protein), alpha-like 1
Omim ID	604785
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTHUMP00000021872 alpha-catulin alpha2-catulin catenin, alpha-like 1

Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)