

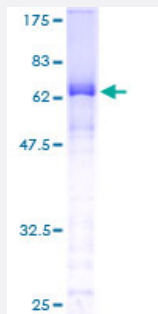
Full-Length

CTNNA3 (Human) Recombinant Protein (P01)

Catalog # H00029119-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CTNNA3 full-length ORF (AAH22004, 1 a.a. - 376 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSAETPITLNIDPQDLQVQTFTVEKLLEPLIIQVTTLVNCPQNPSSRKKGRSKRASVLLASVEEATW
NLLDKGEKIAQEATVLKDELTASLEKVRKESEALKVSAERFTDDPCFLPKREAVVQAARALLAAV
TRLILADMIDVMCLLQHVSFAFQRTFESLKNVANKSDLQKTYQKLKELNLDYLAFKRQQDLKSP
NQRDEIAGARASLKENSPLLHSICSACLEHSDVASLKASKDTVCEEIQNALNVISNASQGIQNM
PPEPQAATLGSALDELENLVLNPLTVTEEEIRPSLEKRLEAIIISGAALLADSSCTRD LHRERIAECN
AIRQALQDLLSEYMNLCNQKSDLGLTGVIKLLKEECIIFWSL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

67.1

Interspecies Antigen Sequence

Mouse (91)

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 — CTNNA3

Entrez GeneID[29119](#)**GeneBank Accession#**[BC022004](#)**Protein Accession#**[AAH22004](#)**Gene Name**

CTNNA3

Gene Alias

MGC26194, MGC75041, VR22

Gene Description

catenin (cadherin-associated protein), alpha 3

Omim ID[607667](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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Other Designations

OTTHUMP00000019684|alpha-T-catenin|alpha-catenin-like protein|catenin, alpha 3

Pathway

- [Adherens junction](#)
- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)

- [Endometrial cancer](#)
- [Leukocyte transendothelial migration](#)
- [Pathways in cancer](#)
- [Tight junction](#)

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Multiple Sclerosis](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Osteoporosis](#)
- [Tobacco Use Disorder](#)