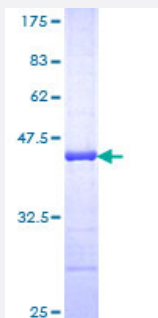


ANAPC2 (Human) Recombinant Protein (Q01)

Catalog # H00029882-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ANAPC2 partial ORF (NP_037498, 716 a.a. - 822 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	IEEERPQDRDNMVLIDSDDES DSGMASQADQKEEELLLFWTYQAMLTNLESLSLDRIYNMLRMFVVTGPALAEIDLQELQGYLQKKVRDQQLVYSAGVYRLPKNCS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.51
Interspecies Antigen Sequence	Mouse (95); Rat (95)
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 — ANAPC2

Entrez GeneID [29882](#)

GeneBank Accession# [NM_013366](#)

Protein Accession# [NP_037498](#)

Gene Name ANAPC2

Gene Alias APC2, RP11-350O14.5

Gene Description anaphase promoting complex subunit 2

Omim ID [606946](#)

Gene Ontology [Hyperlink](#)

Gene Summary A large protein complex, termed the anaphase-promoting complex (APC), or the cyclosome, promotes metaphase-anaphase transition by ubiquitinating its specific substrates such as mitotic cyclins and anaphase inhibitor, which are subsequently degraded by the 26S proteasome. Biochemical studies have shown that the vertebrate APC contains eight subunits. The composition of the APC is highly conserved in organisms from yeast to humans. The product of this gene is a component of the complex and shares sequence similarity with a recently identified family of proteins called cullins, which may also be involved in ubiquitin-mediated degradation. [provided by RefSeq]

Other Designations OTTHUMP00000022692|anaphase-promoting complex subunit 2

Pathway

- [Cell cycle](#)
- [Ubiquitin mediated proteolysis](#)