

Recombinant Human ANAPC5 protein, GST-tagged

Cat. No. ANAPC5-546H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ANAPC5 full-length ORF (NP_057321.2, 1 a.a. - 755 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a tetratricopeptide repeat-containing component of the anaphase promoting complex/cyclosome (APC/C), a large E3 ubiquitin ligase that controls cell cycle progression by targeting a number of cell cycle regulators such as B-type cyclins for 26S proteasome-mediated degradation through ubiquitination. The encoded protein is required for the proper ubiquitination function of APC/C and for the interaction of APC/C with transcription coactivators. It also interacts with polyA binding protein and represses internal ribosome entry site-mediated translation. Multiple transcript variants encoding different isoforms have been found for this gene. These differences cause translation initiation at a downstream AUG and result in a shorter protein (isoform b), compared to isoform a. [provided by RefSeq, Nov 2008]
Molecular Mass	111.5 kDa
AA Sequence	MASVHESLYFNPMMTNGVVHANVFGIKDWVTPYKIAVLVLLNEMSRTGEGAVSLME RRRLNQLLLPLLQGPDITLSKLYKLIEESCPQLANSVQIRIKLMAEGELKDMEQFFDDL SDSFSGTEPEVHKTSVVGLFLRHMILAYSKLSFSQVFKLYTALQQYFQNGEKKTVED ADMELTSRDEGERKMEKEELDVSVREEEVSCSGPLSQKQAEFFLSQQASLLKNDET

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KALTPASLQKELNNLLKFNPDFAEAHYLSYLNLRVQDVFSSTHSLHYFDRLILTGA
 ESKSNGEEGYGRSLRYAALNLAALHCRFGHYQQAELALQEAIRAQESNDHVCLQH
 CLSWLYVLGQKRSDSYVLEHSVKKAVHFGLPYLASLGIQSLVQQRAFAGKTANKL
 MDALKDSDLHWHKSLSELIDISIAQKTAIWRLYGRSTMALQQAQMLLSMNSLEAVN
 AGVQQNNTESFAVALCHLAELHAEQGCFAAAASEVLKHLKERFPPNSQHAQLWMLC
 DQKIQFDRAMNDGKYHLADSLVTGITALNSIEGVYRKAVVLQAQNQMSEAHKLLQKL
 LVHCQKLKNTMVISVLLSVAELYWRSSSPTIALPMLLQALALSKEYRLQYLASETVL
 NLAFAQLILGIPEQALSLLHMAIEPILADGAILDKGRAMFLVAKCQVASAASYDQPKKA
 EALEAAIENLNEAKNYFAKVDCKERIRDVVYFQARLYHTLGKTQERNRCAMLFRLH
 QELPSHGVPLINHL

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

ANAPC5 anaphase promoting complex subunit 5 [Homo sapiens]

Official Symbol

ANAPC5

Synonyms

ANAPC5; anaphase promoting complex subunit 5; anaphase-promoting complex
 subunit 5; APC5; cyclosome subunit 5;

Gene ID

51433

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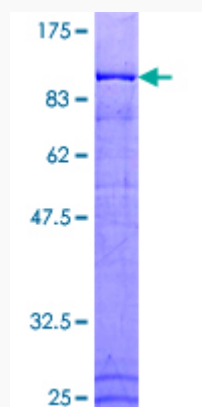
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mRNA Refseq [NM_001137559](#)

Protein Refseq [NP_001131031](#)

MIM [606948](#)

UniProt ID [Q9UJX4](#)



12.5% SDS-PAGE Stained with Coomassie Blue.

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