

Recombinant Human ANAPC15 Protein (1-121 aa), GST-tagged

Cat. No. ANAPC15-366H **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human ANAPC15 Protein (1-121 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Research Area: Cell Biology. Protein Description: Full Length. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 1-121 aa |
| Description | Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. In the complex, plays a role in the release of the mitotic checkpoint complex (MCC) from the APC/C: not required for APC/C activity itself, but promotes the turnover of CDC20 and MCC on the APC/C, thereby participating in the responsiveness of the spindle assembly checkpoint. Also required for degradation of CDC20. |
| Form | Tris-based buffer, 50% glycerol |
| Molecular Mass | 41.3 kDa |
| AA Sequence | MSTLFPSLFPRVTETLWFNLDRPCVEETELQQQEQQHQAWLQSI AEKDNNLVPIGK PASEHYDDEEEEDDEDSEEDSEDDM QDMDEMNDYNESPDDGEVNEVDM EGNEQDQDQWMI |

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| Purity | > 90% as determined by SDS-PAGE. |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week. |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| Concentration | A hardcopy of COA with concentration instruction is sent along with the products. |

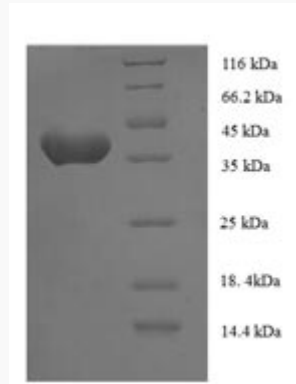
GENE INFORMATION

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|------------------------|--|
| Gene Name | ANAPC15 anaphase promoting complex subunit 15 [Homo sapiens] |
| Official Symbol | ANAPC15 |
| Synonyms | APC15; HSPC020; C11orf51 |
| Gene ID | 25906 |
| mRNA Refseq | NM_014042.2 |
| Protein Refseq | NP_054761.1 |
| MIM | 614717 |
| UniProt ID | P60006 |

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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