

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

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | 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.                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 1-121 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | 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 assbly checkpoint. Also required for degradation of CDC20. |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 41.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MSTLFPSLFPRVTETLWFNLDRPCVEETELQQQEQQHQAWLQSI AEKDNNLVPIGK<br>PASEHYDDEEEEDDEDSEEDSEDDM QDMDEMNDYNESPD DGEVNEVDM<br>EGNEQDQDQWMI                                                                                                                                                                                                                                                                                                                                                                                    |

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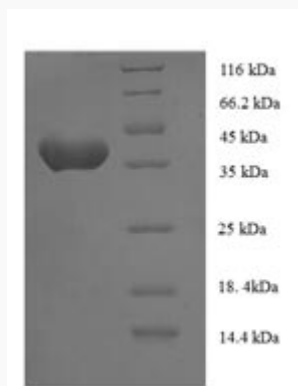
 45-1 Ramsey Road, Shirley, NY 11967, USA

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|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                    |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                                                                        |
| <b>Storage</b>          | 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. |
| <b>Concentration</b>    | A hardcopy of COA with concentration instruction is sent along with the products.                                                                                                                                                                                                                                   |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                     |
| <b>Gene Name</b>        | <a href="#">ANAPC15 anaphase promoting complex subunit 15 [ Homo sapiens ]</a>                                                                                                                                                                                                                                      |
| <b>Official Symbol</b>  | <a href="#">ANAPC15</a>                                                                                                                                                                                                                                                                                             |
| <b>Synonyms</b>         | APC15; HSPC020; C11orf51                                                                                                                                                                                                                                                                                            |
| <b>Gene ID</b>          | <a href="#">25906</a>                                                                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>      | <a href="#">NM_014042.2</a>                                                                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>   | <a href="#">NP_054761.1</a>                                                                                                                                                                                                                                                                                         |
| <b>MIM</b>              | <a href="#">614717</a>                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>       | <a href="#">P60006</a>                                                                                                                                                                                                                                                                                              |

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

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