

Recombinant Human Anaphase-promoting complex subunit 15(ANAPC15)

Catalog No: #AP70093

Package Size: #AP70093-1 20ug #AP70093-2 100ug #AP70093-3 1mg

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Description

Product Name	Recombinant Human Anaphase-promoting complex subunit 15(ANAPC15)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-121aaSequence Info:Full Length
Accession No.	P60006
Calculated MW	41.3 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MSTLFPSLFPRVTETLWFNLDRPCVEETELQQEQQHQAQLQSIAEKDNNLVPIGKPASEHYDDEEEDEDED DEDSEEDSEDEDMQDMDENDYNESPDDGEVNEVDMEGNEQDQDQWMI
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

Human chromosome 11 DNA sequence and analysis including novel gene identification.Taylor T.D., Noguchi H., Totoki Y., Toyoda A., Kuroki Y., Dewar K., Lloyd C., Itoh T., Takeda T., Kim D.-W., She X., Barlow K.F., Bloom T., Bruford E., Chang J.L., Cuomo C.A., Eichler E., FitzGerald M.G. , Jaffe D.B., LaButti K., Nicol R., Park H.-S., Seaman C., Sougnez C., Yang X., Zimmer A.R., Zody M.C., Birren B.W., Nusbaum C., Fujiyama A., Hattori M., Rogers J., Lander E.S., Sakaki Y.Nature 440:497-500(2006)Research Topic:Cell Biology

Note: This product is for in vitro research use only and is not intended for use in humans or animals.