

## ANAPC13 Human

**Description:**ANAPC13 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 89 amino acids (1-74) and having a molecular mass of 10kDa (Molecular weight on SDS-PAGE will appear higher).ANAPC13 protein is fused to a 15 amino acid T7-tag at N-terminus and is purified by standard chromatography.

**Catalog #:**PRPS-1044

For research use only.

**Synonyms:**Anaphase-promoting complex subunit 13, APC13, Cylosome subunit 13, ANAPC13, SWM1.

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered clear solution.

**Amino Acid Sequence:**MASMTGGQQM GRGSHMDSEV QRDGRILDLI DDAWREDKLP  
YEDVAIPLNE LPEPEQDNGG TTESVKEQEM KWTDLALQYL HENVPPIGN.

**Purity:**Greater than 90.0% as determined by SDS-PAGE.

**Formulation:**

The ANAPC13 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 1mM DTT and 0.1M NaCl.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

**Usage:**

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**Introduction:**

Anaphase-promoting complex subunit 13 (ANAPC13) is a component of the anaphase promoting complex, which is a large ubiquitin-protein ligase that controls cell cycle progression by regulating the degradation of cell cycle regulators such as B-type cyclins. The ANAPC13 protein is evolutionarily conserved and is essential for the integrity and ubiquitin ligase activity of the anaphase promoting complex.

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