Product Data Sheet

Product Name:	ANAPC13 Human
Cat. No.:	GP22713
Batch No.:	1

Product Data

Purity	>98%	Source	Escherichia Coli.
Phycical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Anaphase-promoting complex subunit 13; APC13; Cylosome subunit 13; ANAPC13; SWM1.		
Amino Acid Sequence	MASMTGGQQM GRGSHMDSEV QRDGRILDLI DDAWREDKLP YEDVAIPLNE LPEPEQDNGG TTESVKEQEM KWTDLALQYL HENVPPIGN.		
Formulation	The ANAPC13 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 1mM DTT and 0.1M NaCl.		

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.

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.

Background

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.

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