

CDC26 Human

Description: CDC26 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 105 amino acids (1-85 a.a) and having a molecular mass of 11.9kDa. CDC26 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-248

For research use only.

Synonyms: Anaphase-promoting complex subunit CDC26, Anaphase-promoting complex subunit 12, APC12, Cell division cycle protein 26 homolog, CDC26, ANAPC12, C9orf17.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MLRRKPTRLE LKLDDEEFEE
NIRKDLETRK KQKEDVEVVG GSDGEGAIGL SSDPKSREQM INDRIGYKPQ PKPNNRSSQF
GSLEF.

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

Formulation:

CDC26 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 40% glycerol 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:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

CDC26 is a member of the CDC26 family which arranges progression via mitosis by enhancing cell-cycle regulators with ubiquitin chains. CDC26 is a component of the anaphase promoting complex/cyclosome (APC/C), which is a cell cycle-regulated E3 ubiquitin ligase which directs progression through mitosis and the G1 phase of the cell cycle. The APC/C complex operates by mediating ubiquitination and subsequent degradation of target proteins.

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