

## 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 MLRRKPTRLK LKDDIEEFE  
NIRKDLERTRK 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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