9051 Mira Mesa Blvd, #910094
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CUL1 Human

Cullin-1 Human Recombinant
RCP0591

Product Overview

Name	CUL1 Human
Description	
Cullin-1 Human Recombinant	
Accession (Primary)	Q13616
Synonyms	
Cullin 1, CUL-1, Cullin-1	

Introduction

Cullin1, is an essential component of multiple cullin-RING-based SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complexes, that facilitate the ubiquitination of proteins which take part in cell cycle progression, signal transduction and transcription. In the SCF complex. Cullin1 assists in a rigid scaffold which organizes the SKP1-F-box protein and RBX1 subunits. Cullin1 contributes to catalysis by positioning of the substrate and the ubiquitin-conjugating enzyme.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

The CUL1 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 1mM DTT, 100mM NaCl and 10% glycerol.

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. Please avoid freeze thaw cycles.

Purity

Greater than 95% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MSSTRSQNPH GLKQIGLDQI WDDLRAGIQQ VYTRQSMAKS RYMELYTHVY NYCTSVHQSN QARGAGVPPS KSKKGQTPGG AQFVGLELYK RLKEFLKNYL TNLLKDGEDL MDESVLKFYT QQWEDYRFSS KVLNGICAYL NRHWVRRECD EGRKGIYEIY SLALVTWRDC LFRPLNKQVT NAVLKLIEKE

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RNGETINTRL ISGVVQSYVE LGLNEDDAFA KGPTLTVYKE SFESQFLADT ERFYTRESTE FLQQNPVTEY MKKAEARLLE EQRRVQVYLH ESTQDELARK CEQVLIEKHL EIFHTEFQNL LDADKNEDLG RMYNLVSRIQ DGLGELKKLL ETHIHNQGLA AIEKCGEAAL NDPKMYVQTV LDVHKKYNAL VMSAFNNDAG FVAALDKACG RFINNNAVTK

Precautions

CUL1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q13616)