

32-3638: CUL1 Recombinant Protein

Alternative Name : Cullin 1,CUL-1,Cullin-1

Description

Source : Escherichia Coli. CUL1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 430 amino acids (1- 410a.a.) and having a molecular mass of 49.4kDa.CUL1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	10 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	The CUL1 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 1mM DTT, 100mM NaCl and 10% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MSSTRSQNPH GLKQIGLDQI WDDLRAIQQ VYTRQSMAS RYMELYTHVY NYCTSVHQSN QARGAGVPPS KSKKGQTPGG AQFVGLLELYK RLKEFLKNYL TNLKDGEDL MDESVLKFYT QQWEDYRFSS KVLNGICAYL NRHWVRRECD EGRKGIYEIY SLALVTWRDC LFRPLNKQVT NAVLKIEKE RNGETINTRL ISGVVQSYVE LGLNEDDAFA KGPTLTVYKE SFESQFLADT ERFYTRESTE FLQQNPVTEY MKKAEARLLE EQRRVQVYLH ESTQDELARK CEQVLIKHL EIFHTEFQNL LDADKNEDLG RMYNLVSRIQ DGLGELKLL ETHIHNQGLA AIEKCGEAL NDPKMYVQTV LDVHKKYNAL VMSAFNNDAG FVAALDKACG RFINNNVTK