

**CUL1, 1-410aa, Human, His tag, E.coli**

**Cat.NO.: TP01788**

3th Edition

**Synonyms:**Cullin-1, cul1

**Description:**Cullin1, also known CUL1, is a core component of multiple cullin-RING-based SCF (SKP1-CUL1-Fbox protein) E3 ubiquitin-protein ligase complexes, which mediate the ubiquitination of proteins involved in cell cycle progression, signal transduction and transcription.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 100mM NaCl

**Molecular Weight:**49.4 kDa (430aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMSSTRSQNP HGLKQIGLDQIWDDL RAGIQQVYTRQSM AKSRYMELYTHVYNYCT  
SVHQSNQARGAGVPPSKSKKGQTPGGAQFVGL ELYKRLKEFLKNYL TLLKDGEDLMDES VLKFYTQQWEDYRF  
SSKVLNGICAYLNRHWVRRECDEGRKGIYEIYSLALVTWRDCLFRPLNKQVTNAVLK LIEKERNGETINTRLISGVVQ  
SYVELGLNEDDAFAKGPTLT VYKESFESQFLADTERFY TRESTEFLQQNPVTEYMKKAEARLLEEQR RVQVYLHES  
TQDELARKCEQVLIEKHLEIFHTEFQNL LDADKNEDLGRMYNLVSRIQDGLGELK KLLLETHIHNQGLAAIEKCGEAL  
NDPKMYVQTVLDVHKKYNALVMSAFNNDAGFVAALDKACGRFINNNAVTK

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.