

**CDC34, 1-236aa, Human, His tag, E.coli**

**Cat.NO.: TP01546**

3th Edition

**Synonyms:**Ubiquitin-conjugating enzyme E2 R1, E2-CDC34, UBC3, UBCH3, UBE2R1

**Description:**CDC34 is a member of the ubiquitin-conjugating enzyme family. Ubiquitin-conjugating enzyme catalyzes the covalent attachment of ubiquitin to other proteins. This protein is a part of the large multiprotein complex, which is required for ubiquitin-mediated degradation of cell cycle G1 regulators, and for the initiation of DNA replication.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 1mM DTT, 50mM NaCl

**Molecular Weight:**28.9kDa (256aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMARPLVPSSQKALLLELKGLQEEPVEGFRVTLVDEGDLYNWEVAIFGPPNTYYEG  
GYFKARLKFPIDYPYSPPAFRFLTKMWHPNİYETGDVCISILHPPVDDPQSGELPSERWNPTQNVRTILLSVISLLNE  
PNTFSPANVDASVMYRKWKESKGDREYTDIIRKQVLGTKVDAERDGVKVPTTLAEYCVKTKAPAPDEGSDLFYDD  
YYEDGEVEEEEADSCFGDDEDDSGTEES

**Purity:**> 95% by HPLC

**Concentration:**1mg/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.