



## Recombinant Human E3 ubiquitin-protein ligase COP1 (COP1)

Catalog No.: TP10324

100µg

### Sequence Information

**Species:** Human

**Gene ID:**64326

**Swiss Prot:**Q8NHY2

**Synonyms:**Constitutive photomorphogenesis  
protein 1 homolog;hCOP1;RING finger  
and WD repeat domain protein 2;RING  
finger protein 200;RING-type E3  
ubiquitin transferase RFWD2

**Residues:**Met1-Val731

MSGSRQAGSGSAGTSPGSSAASSVTSASSSLSSSPPPSVAVSAAALVSGGVAQ  
AAGSGGLGGPVRPVLVAPAVSGSGGGAVSTGLSRHSCAARPSAGVGGSSSLGS  
GSRKRPLLAPLCNGLINSYEDKSNDFVCPICFDMIEEAYMTKCGHSFCYKCIHQ  
SLEDNNRCPKCNVVDNIDHLYPNFLVNELILKQKQRFEEKRFLDHSVSSTNG  
HRWQIFQDWLGTQDNLDLANVNLMLLELLVQKKKQLEAESHAQLQILMEFLKV  
ARRNKREQLEQIQKELSVLEEDIKRV EEMSGLYSPVSEDSTVPQFEAPSPSHSS  
IIDSTEYSQPPGFSGSSQTKKQPWYNSTLASRRKRLTAHFEDLEQCYFSTRMSR  
ISDDSRITASQLDEFQECLSKFTRYNSVRPLATLSYASDLYNGSSIVSSIEFDRD  
CDYFAIAGVTKKIKVVEYDTVIQDAVDIHYPENEMTCNSKISCISWSSYHKPLL  
ASSDYEGTVILWDGFTGQRSKVYQEHEKRCWSVDFNLMDPKLLASGSDDAKVKL  
WSTNLDNSVASIEAKANVCCVKFSPSSRYHLAFGCADHCVHYYDLRNTKQPIMV  
FKGHRKAVSYAKFVSGEEIVSASTDSQLKLWNVGPYCLRSFKGHINEKNFVGL  
ASNGDYIACGSENNSLYLYKGLSKTLLTFKFDTVKSVLDKDRKEDDTNEFVSA  
VCWRALPDGESNVLIAANSQGTIKVLELV

### Product Information

**Source:** Recombinant expression.

**Host:** *E.coli*

**Tags:** N-terminal His and GST Tag

**Subcellular Location:** Nucleus speckle.

**Purity:** >90%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and

Proclin300.

**Original Concentration:** 200µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 6.8

**Predicted Molecular Mass:** 105.5kDa

**Accurate Molecular Mass:** 106kDa as determined by SDS-PAGE reducing conditions.

## [ USAGE ]

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

## [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## [ IDENTIFICATION ]

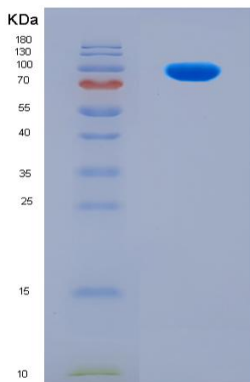


Figure 1. SDS-PAGE

## [ IMPORTANT NOTE ]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.

