

Recombinant Full Length Human RFWD2 protein, Isoform 1, His-tagged

Cat. No. RFWD2-170H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RFWD2 protein(NP_001001740.1)(1-731aa) was expressed in E. coli with a N-terminal 6xHis tag.
Species	Human
Source	E.coli
ProteinLength	1-731aa
Form	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>Note: If you have any special requirement for the glycerol content, please remark when you place the order.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
Molecular Mass	84.5kDa
AA Sequence	<p>MSGSRQAGSGSAGTSPGSSAASSVTSASSSLSSSPSPPSVAVSAAALVSGGVAQA AGSGGLGGPVRPVLVAPAVSGSGGGAVSTGLSRHS CAARPSAGVGGSSSSLGSG SRKRPLLAPLCNGLINSYEDKSNDFVCPICFDMIEEAYMTKCGHSFCYKCIHQSL EDN NRCPKCNYVVDNIDHLYPNFLVNELILKQKQRFE EKRFKLDHSVSSTNGHRWQIFQD WLGTDQDNLDLANVNLMLLELLVQKKKQLEAES HAAQLQILMEFLKVARRNKREQLE QIQKELSVLEEDIKRVEEMSGLYSPVSEDSTVPQFEAPSPSHSSIIDSTEYSQPPGFS</p>

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GSSQTKKQPWYNSTLASRRKRLTAHFEDLEQCYFSTRMSRISDDSRASQLDEFQE
 CLSKFTRYNSVRPLATLSYASDLYNGSSIVSSIEFDRDCDYFAIAGVTKKIKVVEYDTV
 IQDAVDIHYPENEMTCNSKISCISWSSYHKNLLASSDYEGTVILWDGFTGQRSKVYQ
 EHEKRCWSVDFNLMDPKLLASGSDDAKVKLWSTNLDNSVASIEAKANVCCVKFSPS
 SRYHLAFGCADHCVHYYDLRNTKQPIMVFKGHRKAVSYAKFVSGEEIVSASTDSQL
 KLWNVGKPYCLRSFKGHINEKNFVGLASNGDYIACGSENNSLYLYYKGLSKTLLTFK
 FDTVKSVLDKDRKEDDTNEFVSAVCWRALPDGESNVLIAANSQGTIKVLELV

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name COP1

Official Symbol COP1

Synonyms Constitutive photomorphogenesis protein 1 homolog; COP; E3 ubiquitin-protein ligase RFWD2; hCOP1; Rfwd2; RFWD2_HUMAN; ring finger and WD repeat domain 2; RING finger and WD repeat domain protein 2; RING finger protein 200

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Gene ID	64326
mRNA Refseq	NM_001001740.4
Protein Refseq	NP_001001740.1
MIM	608067
UniProt ID	Q8NHY2

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