# Recombinant Full Length Human RFWD2 protein, Isoform 1

**Cat. No.** RFWD2-186H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human RFWD2, transcript variant 1, fused with MYC/DDK tag at C-terminal was expressed in HEK293. |
| **Species** | Human |
| **Source** | HEK293 |
| **ProteinLength** | 1-731 a.a. |
| **Description** | RFWD2 played an important role in many functions. |
| **Form** | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |
| **Molecular Mass** | 80.3 kDa |
| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Concentration** | >50 ug/mL as determined by microplate BCA method |

## GENE INFORMATION

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| **Gene Name** | RFWD2 ring finger and WD repeat domain 2, E3 ubiquitin protein ligase [ Homo sapiens ] |
| **Official Symbol** | RFWD2 |

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| **Synonyms** | RFWD2; ring finger and WD repeat domain 2, E3 ubiquitin protein ligase; ring finger and WD repeat domain 2; E3 ubiquitin-protein ligase RFWD2; COP1; FLJ10416; RNF200; hCOP1; RING finger protein 200; putative ubiquitin ligase COP1; RING finger and WD repeat domain protein 2; constitutive photomorphogenic protein (COP1); constitutive photomorphogenesis protein 1 homolog; RP11-318C24.3; |
| **Gene ID** | 64326 |
| **mRNA Refseq** | NM_022457 |
| **Protein Refseq** | NP_071902 |
| **MIM** | 608067 |
| **UniProt ID** | Q8NHY2 |
| **Chromosome Location** | 1q25.1-q25.2 |
| **Pathway** | Autodegradation of the E3 ubiquitin ligase COP1, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle Checkpoints, organism-specific biosystem; Direct p53 effectors, organism-specific biosystem; G1/S DNA Damage Checkpoints, organism-specific biosystem; Stabilization of p53, organism-specific biosystem; Ubiquitin mediated proteolysis, organism-specific biosystem; |
| **Function** | ligase activity; metal ion binding; protein binding; zinc ion binding; |

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