

# **Product datasheet for TP303831L**

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

### ROC2 (RNF7) (NM\_014245) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human ring finger protein 7 (RNF7), transcript variant 1, 1 mg

Species: Human Expression Host: HEK293T

**Expression cDNA** >RC203831 protein sequence **Clone or AA** Red=Cloning site Green=Tags(s)

Sequence:

MADVEDGEETCALASHSGSSGSKSGGDKMFSLKKWNAVAMWSWDVECDTCAICRVQVMDACLRCQAENKQ

EDCVVVWGECNHSFHNCCMSLWVKQNNRCPLCQQDWVVQRIGK

**TRTRPL**EQKLISEEDLAANDILDYKDDDDK**V** 

Tag: C-Myc/DDK
Predicted MW: 12.5 kDa

**Concentration:** >0.05 μg/μL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional

chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling

conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** NP 055060

 Locus ID:
 9616

 UniProt ID:
 Q9UBF6

 RefSeq Size:
 2010

 Cytogenetics:
 3q23





#### ROC2 (RNF7) (NM\_014245) Human Recombinant Protein - TP303831L

RefSeq ORF: 339

**Synonyms:** CKBBP1; rbx2; ROC2; SAG

**Summary:** The protein encoded by this gene is a highly conserved ring finger protein. It is an essential

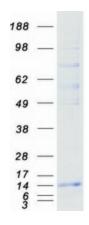
subunit of SKP1-cullin/CDC53-F box protein ubiquitin ligases, which are a part of the protein degradation machinery important for cell cycle progression and signal transduction. This protein interacts with, and is a substrate of, casein kinase II (CSNK2A1/CKII). The phosphorylation of this protein by CSNK2A1 has been shown to promote the degradation of IkappaBalpha (CHUK/IKK-alpha/IKBKA) and p27Kip1(CDKN1B). Alternatively spliced transcript variants encoding distinct

isoforms have been reported. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

Protein Pathways: Ubiquitin mediated proteolysis

## **Product images:**



Coomassie blue staining of purified RNF7 protein (Cat# [TP303831]). The protein was produced from HEK293T cells transfected with RNF7 cDNA clone (Cat# [RC203831]) using MegaTran 2.0 (Cat# [TT210002]).