

Product datasheet for TP303831M

OriGene Technologies, Inc.

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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, 100 μg

Species: Human
Expression Host: HEK293T

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

MADVEDGEETCALASHSGSSGSKSGGDKMFSLKKWNAVAMWSWDVECDTCAICRVQVMDACLRCQAE

NKQ

EDCVVVWGECNHSFHNCCMSLWVKQNNRCPLCQQDWVVQRIGK

TRTRPLEQKLISEEDLAANDILDYKDDDDK**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



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Cytogenetics: 3q23

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

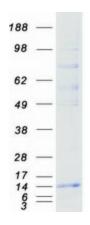
protein interacts with, and is a substrate of, casein kinase II (CSNK2A1/CKII). The

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]).