

# **Product datasheet for TP300348L**

### OriGene Technologies, Inc.

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## ROC1 (RBX1) (NM\_014248) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human ring-box 1 (RBX1), 1 mg

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** >RC200348 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MAAAMDVDTPSGTNSGAGKKRFEVKKWNAVALWAWDIVVDNCAICRNHIMDLCIECQANQASATSEECTV

AWGVCNHAFHFHCISRWLKTRQVCPLDNREWEFQKYGH

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK
Predicted MW: 12.1 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 055063

 Locus ID:
 9978

 UniProt ID:
 P62877

 RefSeq Size:
 906

 Cytogenetics:
 22q13.2





#### ROC1 (RBX1) (NM\_014248) Human Recombinant Protein - TP300348L

RefSeq ORF: 324

Synonyms: BA554C12.1; RNF75; ROC1

**Summary:** This locus encodes a RING finger-like domain-containing protein. The encoded protein interacts

with cullin proteins and likely plays a role in ubiquitination processes necessary for cell cycle progression. This protein may also affect protein turnover. Related pseudogenes exist on

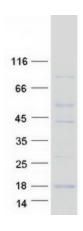
chromosomes 2 and 5.[provided by RefSeq, Sep 2010]

**Protein Families:** Druggable Genome

Protein Pathways: Cell cycle, Nucleotide excision repair, Oocyte meiosis, Pathways in cancer, Renal cell carcinoma,

TGF-beta signaling pathway, Ubiquitin mediated proteolysis, Wnt signaling pathway

#### **Product images:**



Coomassie blue staining of purified RBX1 protein (Cat# [TP300348]). The protein was produced from HEK293T cells transfected with RBX1 cDNA clone (Cat# [RC200348]) using MegaTran 2.0 (Cat# [TT210002]).