

Product datasheet for **TP300348L**

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

MAAAMDVDTPSGTNSGAGKKRFEVKKWNAVALWAWDIVVDNCAICRNHIMDLCECQANQASATSEECTV
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



[View online »](#)

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]).