

## Product datasheet for **TP321840M**

### **RND2 (NM\_005440) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human Rho family GTPase 2 (RND2), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC221840 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MEGQSGRCKIVVVGDAECGKTALLQVFAKDAYPGSYVPTVFENYASFEIDKRRIELNMWDTSGSSYYDN  
VRPLAYPDSDAVLICFDISRPETLDSVLKKWQGETQEFCPNAKWLVGCKLDMRTDLATLRELSKQRLIP  
VTHEQGTVLAKQVGAVSYVECSSRSSERSVRDVFHVATVASLGRGHRQLRRTDSRRGMQRSAQLSGRPDR  
GNEGEIHKDRAKSCNLM

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 25.2 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\\_005431](#)

**Locus ID:** 8153

**UniProt ID:** [P52198](#)



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RefSeq Size: 4169

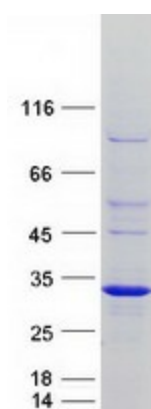
Cytogenetics: 17q21.31

RefSeq ORF: 681

Synonyms: ARHN; RHO7; RhoN

**Summary:** This gene encodes a member of the Rho GTPase family, whose members play a key role in the regulation of actin cytoskeleton organization in response to extracellular growth factors. This particular family member has been implicated in the regulation of neuronal morphology and endosomal trafficking. The gene localizes to chromosome 17 and is the centromeric neighbor of the breast-ovarian cancer susceptibility gene BRCA1. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified RND2 protein (Cat# [TP321840]). The protein was produced from HEK293T cells transfected with RND2 cDNA clone (Cat# [RC221840]) using MegaTran 2.0 (Cat# [TT210002]).