

Product datasheet for **TP321840L**

RND2 (NM_005440) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Rho family GTPase 2 (RND2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221840 protein sequence Red =Cloning site Green =Tags(s)
	MEGQSGRCKIWWVGDAECGKTALLQVFAKDAYPGSYVPTVFENYTASFEIDKRRIELNMWDTSGSSYYDN VRPLAYPDSDAVLICFDISRPETLDSVLKKWQGETQEFCPNAKWWLVGCKLDMRTDLATLRELSKQRLIP VTHEQGTVLAKQVGAVSYVECSSRSERSVRDVFHVATVASLGRGHRQLRRTDSRRGMQRSAQLSGRPDR 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:	<u>NP_005431</u>
Locus ID:	8153
UniProt ID:	<u>P52198</u>


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RefSeq Size: 4169

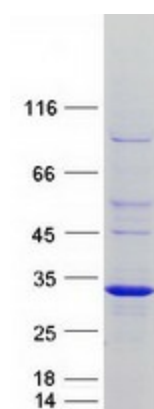
Cytogenetics: 17q21.31

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]).