

Recombinant Human RND2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RND2-1235H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RND2 MS Standard C13 and N15-labeled recombinant protein (NP_005431) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	25.4 kDa
AA Sequence	MEGQSGRCKIVVVGDAECGKTALLQVFAKDAYPGSYVPTVFENYASFEIDKRRIEL NMWDTSGSSYYDNVRPLAYPDSDAVLICFDISRPETLDSVLKKWQGETQEFCPNAK VVLVGCKLDMRTDLATLRELSKQRLIPVTHEQGTVLAKQVGAVSYVECSSRSSERSV RDVFHVATVASLGRGHRQLRRTDSRRGMQRSAQLSGRPDRGNEGEIHKDRAKSC NLMTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

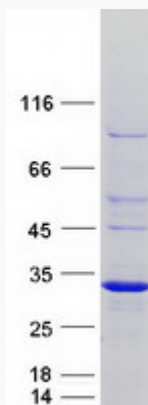
GENE INFORMATION

Gene Name	RND2 Rho family GTPase 2 [Homo sapiens (human)]
Official Symbol	RND2
Synonyms	RND2; Rho family GTPase 2; ARHN, ras homolog gene family, member N; rho-related GTP-binding protein RhoN; Rho7; RhoN; GTP-binding protein Rho7; ras homolog gene family, member N; rho-related GTP-binding protein Rho7; ARHN; RHO7;
Gene ID	8153
mRNA Refseq	NM_005440
Protein Refseq	NP_005431
MIM	601555
UniProt ID	P52198

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SDS-PAGE

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