

Recombinant Human RHPN2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RHPN2-5851H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RHPN2 MS Standard C13 and N15-labeled recombinant protein (NP_149094) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the raphilin family of Ras-homologous (Rho)-GTPase binding proteins. The encoded protein binds both GTP- and GDP-bound RhoA and GTP-bound RhoB and may be involved in the organization of the actin cytoskeleton.
Molecular Mass	77 kDa
AA Sequence	MTDALLPAAPQPLEKKNDGYFRKGCNPLAQTGRSKLQNQRAALNQQILKAVRMRT GAENLLKVATNSKVREQVRLELSFVNSDLQMLKEELEGLNISVG VYQNTEEAFTIPLI PLGLKETKD VDFAVVLKDFILEH YSEDGYLYEDEIADLMDLRQACRTPSRDEAGVELL MTYFIQLGFVESRFFPPTRQMGLLFTWYDSL TGVPVSQQNLLLEKASVLFNTGALYT QIGTRCDRQTQAGLESAIDAFQRAAGVLN YLKDTFTHTPSYDMSPAMLSVLVKMML AQAQESVFEKISLPGIRNEFFMLVKVAQEAAKVGEVYQQLHAAMSQAPVKENIPYS WASLACVKAHHYAALAHYFTAILLIDHQVKPGTDLDH QEKCLSQLYDHMPEGLTPLA TLKNDQQRRLGKSHLRRAHHEESVREASLCKKLRSIEVLQKVLCAAQERSRLT YAQHQEEDLLNLIDAPS VVAKTEQEVDIILPQFSKLTVTDF FQKLGPLSVFSANKRW

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TPPRSIRFTAEEGDLGFTLRGNAPVQVHFLDPYCSASVAGAREGDYIVSIQLVDCKW
 LTLSEVMKLLKSFGEDEIEMKVVSLDSTSSMHNKSATYSVGMQKTYSMICLAIDDD
 DKTDKTKKISKKLSFLSWGNTKNRQKSASTLCLPSVGAARPQVKKKLPSFSLNSD
 SSWYTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

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 RHPN2 raphilin Rho GTPase binding protein 2 [Homo sapiens (human)]

Official Symbol RHPN2

Synonyms RHPN2; raphilin, Rho GTPase binding protein 2; raphilin-2; raphilin 2; GTP-Rho-binding protein 2; 76 kDa RhoB effector protein; raphilin-like Rho-GTPase binding protein; RHOBP; P76RBE;

Gene ID 85415

mRNA Refseq NM_033103

Protein Refseq NP_149094

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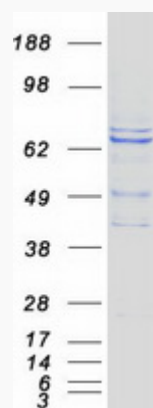
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MIM 617932

UniProt ID Q8IUC4

SDS-PAGE



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