

Product datasheet for **TP305479M**

Rhophilin 2 (RHPN2) (NM_033103) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human rhophilin, Rho GTPase binding protein 2 (RHPN2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205479 protein sequence Red =Cloning site Green =Tags(s)

MTDALLPAAPQPLEKKNMGYFRKGCNPLAQTGRSKLQNQRAALNQQILKAVRMRTGAENLLKVATNSKVR
EQVRLELSFVNSDLQMLKEELEGLNISVGVYQNTTEEAFTIPLIPLGLKETKDVFVAVLKDFILEHYSED
GYLYEDEIADLMDLRQACRTPSRDEAGVELLMTYFIQLGFVESRFFPPTQRMGLLFTWYDSLTVGPVVSQQ
NLLLEKASVLFNTGALYTQIGTRCDRQTQAGLESIDAFAQRAAGVLNLYKDTFTHTPSYDMSVAVLSVLV
KMMLAQAEQSVFEKISLPGIRNEFFMLVKVAQEAQVGEVYQQLHAAMSQAPVKENIPYSWASLACVKAH
HYAALAHYFTAILLDHQQVPGTDLDHQEKLSQLYDHMPEGLTPLATLKNQRRQLGKSHLRRAHMAHH
EESVREASLCKKLRISIEVLQKVLCAAQERSRLTYAQHQEEDLLNLIDAPSVVAKTEQEVDIILPQFSKL
TVTDFQKLGPLSVFSANKRWTPPRSIRFTAEEGDLGFTLRGNAPVQVHFLDPYCSASVAGAREGDYIVS
IQLVDCKWLTSEVMKLLKSFGEDEIEMKVVSLLDSTSSMHNKSATYSVGMQKTYSMICLAIDDDDDKTDK
TKKISKKLSFLSWGNTNKRQKSASTLCLPSVGAARPQVKKKLPSPFLLNSDSSWY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

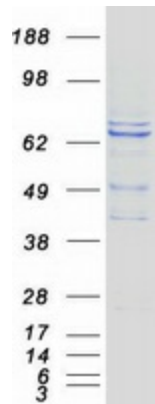
Tag:	C-Myc/DDK
Predicted MW:	76.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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_149094
Locus ID:	85415
UniProt ID:	Q8IUC4
RefSeq Size:	3546
Cytogenetics:	19q13.11
RefSeq ORF:	2058
Synonyms:	P76RBE; RHOBP
Summary:	This gene encodes a member of the rhophilin 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. [provided by RefSeq, Apr 2009]

Product images:



Coomassie blue staining of purified RHPN2 protein (Cat# [TP305479]). The protein was produced from HEK293T cells transfected with RHPN2 cDNA clone (Cat# [RC205479]) using MegaTran 2.0 (Cat# [TT210002]).