

Product datasheet for PH305479

Rhophilin 2 (RHPN2) (NM_033103) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RHPN2 MS Standard C13 and N15-labeled recombinant protein (NP_149094)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205479
Predicted MW:	77 kDa
Protein Sequence:	>RC205479 protein sequence Red=Cloning site Green=Tags(s)

MTDALLPAAPQPLEKKNQGYFRKGCNPLAQTGRSKLQNQRAALNQQILKAVRMRTGAENLLKVATNSKVR
EQVRELSFVNSDLQMLKEELEGLNISVGYYQNTTEEAFTIPLIPLGLKETKDVFVAVLKDFFILEHYSYD
GYLYEDEIADLMDLRQACRTPSRDEAGVELLMTYFIQLGFVESRFFPPTRMGLLFTWYDSLTVGVPVSSQ
NLLLEKASVLFNTGALYTQIGTRCDRQTQAGLESAIDAFQRAAGVLYLKDFTHTPSYDMSPAMLSVLV
KMMLAQAEQSVFEKISLPGIRNEFFMLVKVAQEAQVGEVYQQLHAAMSQAPVKENIPYSWASLACVKAH
HYAALAHYFTAILLIDHQVKPGTDLHQEKCLSQLYDHMPEGLTPLATLKNQDQRRQLGKSHLRRAMAHH
EESVREASLCKKLRSEIVLQKVLCAAQERSRLTYAQHQEEDLLNLDAPSVAKTEQEVDIILPQFSKL
TVTDFQKLGPLSVFSANKRWTPPRSIRFTAEEGDLGFTLRGNAPVQVHFLDPYCSASVAGAREGDYIVS
IQLVDCKWLTLSVEMKLLKSFGEDEIEMKVVSLLDSTSSMHKNSATYSVGMQKTYSMICLAIDDDDKTDK
TKKISKKLSFLSWGNTKNRQKSASTLCLPSVGAARPQVKKKLPSPFSLNDSSSWY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_149094</u>
RefSeq Size:	3546



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RefSeq ORF: 2058

Synonyms: P76RBE; RHOBP

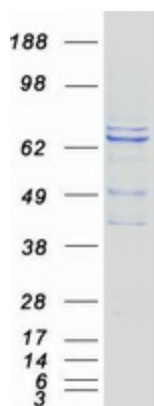
Locus ID: 85415

UniProt ID: [Q8IUU4](#)

Cytogenetics: 19q13.11

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]).