

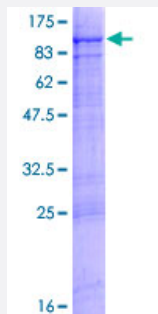
Full-Length

RHPN2 (Human) Recombinant Protein (P02)

Catalog # H00085415-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RHPN2 full-length ORF (NP_149094.2, 1 a.a. - 686 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTDALLPAAPQPLEKKNDGYFRKGCNPLAQTGRSKLQNQRAALNQQILKAVRMRTGAENLLKVA
TNSKVREQVRLELSFVNSDLQMLKEELEGLNISVGYYQNTEEAFTIPLIPLGLKETKDVFVAVLKD
FILEHYSEDGYLYEDEIADLMDLRQACRTPSRDEAGVELLMTYFIQLGFVESRFFPPTRQMGLLFT
WYDSL TGV PVSQQNLLLEKASVLFNTGALYTIQIGTRCDRQTQAGLESIDAQFQRAAGVLNLYKDTF
THTPSYDMSPAMLSVLVKMMLAQAEQSVFEKISLPGIRNEFFMLVKVAQEAQVGEVYQQLHAA
MSQAPVKENIPYSWASLACVKAHHYAALAHYFTAILLDHQVKPGTDLDHQEKCLSQLYDHMPEG
LTPLATLKNQQRQLGKSHLRRAMAHHEESVREASLCKKLSIEVLQKVLCAAQERSRLTYAQH
QEEDDLLNLIDAPSVVAKTEQEVDIILPQFSKLTVDFFQKLGPLSVFSANKRWTPPRSIRFTAEEG
DLGFTLRGNAPVQVHFLDPYCSASVAGAREGDYVSIQLVDCKWLTLSSEVMKLLKSFGEDIEIMK
VVSLLDSTSSMHNKSATYSVGMQKTYSMICLAIDDDDKTDKTKKISKLSFLSWGNTKNRQKSAS
TLCLPSVGAARPQVKKKLPSFLLNSDSSWY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

103.4

Interspecies Antigen Sequence

Mouse (86); Rat (85)

Preparation Method

[in vitro wheat germ expression system](#)

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RHPN2

Entrez GeneID	85415
GeneBank Accession#	NM_033103.3
Protein Accession#	NP_149094.2
Gene Name	RHPN2
Gene Alias	RhoBP, p76RBE
Gene Description	rhopilin, Rho GTPase binding protein 2
Gene Ontology	Hyperlink
Gene 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]
Other Designations	RhoB effector rhophilin 2 rhophilin-2 rhophilin-like Rho-GTPase binding protein rhophilin-like protein

Disease

- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)