



Recombinant Human Rhophilin-2 (RHPN2)

Product Code	CSB-MP815544HU
Abbreviation	RHPN2
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8IUC4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MTDALLPAAP QPLEKENDGY FRKGCNPLAQ TGRSKLQNQR AALNQQILKA VRMRTGAENL LKVATNSKVR EQVRLELSFV NSDLQMLKEE LEGLNISVGV YQNTTEEAFTI PLIPLGLKET KDVDFAVVLK DFILEHYSED GYLYEDEIAD LMDLRQACRT PSRDEAGVEL LMTYFIQLGF VESRFFFPTR QMGLLFTWYD SLTGVPVSQQ NLLLEKASVL FNTGALYTQI GTRCDRQTQA GLESAIDAFQ RAAGVLNLYK DTFTHTPSYD MSPAMLSVLV KMMLAQAES VFEKISLPGI RNEFFMLVKV AQEAAKGEV YQQLHAAMSQ APVKENIPYS WASLACVKAH HYAALAHYFT AILLIDHQVK PGTDLDHQEK CLSPLYDHMP EGLTPLATLK NDQQRRLGK SHLRRAMAHH EESVREASLC KKLRSIEVLQ KVLCAAQERS RLTYAQHQEE DDLLNLIDAP SVVAKTEQEV DIILPQFSKL TVTDDFFQKLG PLSVFSANKR WTPPRSIRFT AEEGDLGFTL RGNAPVQVHF LDPYCSASVA GAREGDYIVS IQLVDCKWLT LSEVMKLLKS FGEDEIEMKV VSLLDSTSSM HNKSATYSVG MQKTYSMICL AIDDDDKTDK TTKISKKLSF LSWGNTKNRQ KSASTLCLPS VGAARPQVKK KLPSPFSLN SDSSWY
Source	Mammalian cell
Target Names	RHPN2
Protein Names	Recommended name: Rhophilin-2 Alternative name(s): 76 kDa RhoB effector protein GTP-Rho-binding protein 2 p76RBE
Expression Region	1-686
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a



concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

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