



Recombinant Human Rho-related GTP-binding protein RhoN (RND2)

Product Code	CSB-MP019812HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P52198
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEGQSGRCKI VVVGDAECGK TALLQVFAKD AYPGSYVPTV FENYASFEI DKRRIELNMW DTSGSSYYDN VRPLAYPDS AVLICFDISR PETLDSVLKK WQGETQEFCP NAKVVLVGCK LDMRTDLATL RELSKQRLIP VTHEQGTVLA KQVGAVSYVE CSSRSSERSV RDVFHVATVA SLGRGHRQLR RTDSRRGMQR SAQLSGRPDR GNEGEIHKDR AKSC
Source	Mammalian cell
Target Names	RND2
Protein Names	Recommended name: Rho-related GTP-binding protein RhoN Alternative name(s): Rho family GTPase 2 Rho-related GTP-binding protein Rho7 Rnd2
Expression Region	1-224
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 Rho GTPase family, whose members play a key role in the regulation of actin cytoskeleton organization in response to extracellular growth factors. This particular family member has been implicated in the regulation of neuronal morphology and endosomal trafficking. The gene localizes to chromosome 17 and is the centromeric neighbor of the breast-ovarian cancer susceptibility gene BRCA1.
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. 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.