

Rho-associated protein kinase 2 (Rock2) Recombinant Protein | Rock2 recombinant protein

Recombinant Mouse Rho-associated protein kinase 2 (Rock2) , partial

CATALOG #
AAA113712

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Rho-associated protein kinase 2 (Rock2); Recombinant Mouse Rho-associated protein kinase 2 (Rock2); partial; Rock2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	92-354aa; Partial
Sequence	YDVVKVIGRG AFGEVQLVRH KASQKVYAMK LLSKFEMIKR SDSAFFWEER DIMAFANSPW VVQLFCAFQD DRYLYMVM EY MPGGDLVNL M SNYDVPEKWA KFYTAEVVLA LDAIHSMGLI HRDVKPDNML LDKHGHKLKLA DFGTCMKMDE TGMVHCDTAV GTPDYISPEV LKSQGGDGYG GRECDWWSVG VLFEMLVGD TPFYADSLVG TYSKIMDHKN SLCFPEDTEI SKHAKNLICA FLTDREVRLG RNVVEEIKQH PFF
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Rock2 recombinant protein	This protein is a serine threonine kinase that regulates cytokinesis, smooth muscle contraction, the formation of actin stress fibers and focal adhesions, and the activation of the c-fos serum response element. This protein, which is an isozyme of ROCK1 is a target for the small GTPase Rho.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	134949013
NCBI GeneID	19878
NCBI Accession #	NP_033098.2
NCBI GenBank Nucleotide #	NM_009072.2
UniProt Accession #	P70336 ; Q8BR64 ; Q8CBR0 ; A5XDA7
Molecular Weight	166,760 Da
NCBI Official Full Name	rho-associated protein kinase 2
NCBI Official Synonym Full Names	Rho-associated coiled-coil containing protein kinase 2
NCBI Official Symbol	Rock2
NCBI Official Synonym Symbols	Rock2m; Rock-II; ROKalpha; mKIAA0619; Rho-kinase; B230113H15Rik

NCBI Protein Information	rho-associated protein kinase 2
UniProt Protein Name	Rho-associated protein kinase 2
UniProt Gene Name	Rock2
UniProt Synonym Gene Names	ROCK-II

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rock2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113712>