

RhoA recombinant protein

RhoA (Mature form), Active

CATALOG # AAA73120	HOST E Coli	APPLICATIONS Western Blot, ELISA
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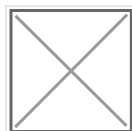
PRODUCT SYNONYMS

RhoA; RhoA (Mature form); Active; RhoA recombinant protein

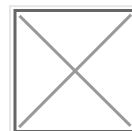
PRODUCT SPECIFICATIONS

Host	E Coli
Form/Format	50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Sequence Positions	1-190
Sequence Length	1943
Applicable Applications for RhoA recombinant protein	WB (Western Blot), ELISA
Species	Human
Tag	HIS tag
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for RhoA recombinant protein	Description: Recombinant human RhoA (1-190) was expressed in E Coli cells using an N-terminal His tag. Scientific Background: RhoA is a member of the Rho gene family that interacts with protein kinases and serves as a target of activated GTPase. RhoA plays an important role in the initial events of cell protrusion, whereas Rac1 and Cdc42 activate pathways implicated in reinforcement and stabilization of newly expanded protrusions. Rho mediates corneal epithelial migration in response to external stimuli by regulating the organization of the actin cytoskeleton (1). The inhibition of RhoA signaling is required for both vaccinia morphogenesis and virus-induced cell motility. Vaccinia inhibits RhoA signalling using the viral protein F11 and this can enhance the spread of infection (2).
Product Categories/Family for RhoA recombinant protein	Enzymes; Active GTPases/ATPases
References	1. Wu, K. Y.et.al: Local translation of RhoA regulates growth cone collapse. Nature 436: 1020-1024, 2005. 2. Valderrama, F.et.al: Vaccinia virus-induced cell motility requires F11L-mediated inhibition of RhoA signaling. Science 311: 377-381, 2006.

NCBI AND UNIPROT INFORMATION

NCBI GI #	927669102
NCBI GeneID	387
NCBI Accession #	NM_001664.3
NCBI GenBank Nucleotide #	NM_001664
UniProt Accession #	P61586; P06749; Q53HM4; Q5U024; Q9UDJ0; Q9UEJ4
Molecular Weight	~23 kDa
NCBI Official Full Name	Homo sapiens ras homolog family member A (RHOA), transcript variant 1, mRNA
NCBI Official Synonym Full Names	ras homolog family member A
NCBI Official Symbol	RHOA
NCBI Official Synonym Symbols	ARHA; ARH12; RHO12; RHOH12
NCBI Protein Information	transforming protein RhoA
UniProt Protein Name	Transforming protein RhoA
UniProt Gene Name	RHOA
UniProt Synonym Gene Names	ARH12; ARHA; RHO12; h12

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/rhoa-recombinant-protein-e-coli-wb-western-blot-elisa/73120>