

Recombinant Human ROCK1 protein, Flag-tagged, Biotinylated

Cat. No. ROCK1-76H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ROCK1, catalytic domain [1-477 amino acids of accession number NP_005397.1] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.
Species	Human
Source	Insect Cells
ProteinLength	1-477 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	59 kDa
Purity	>90% as determined by SDS-PAGE and CBB staining
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Conjugation	Biotin

GENE INFORMATION

Gene Name	ROCK1 Rho-associated, coiled-coil containing protein kinase 1 [Homo sapiens]
Official Symbol	ROCK1

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Synonyms	ROCK1; p160ROCK; p160-ROCK; Rho kinase; p160 ROCK-1; renal carcinoma antigen NY-REN-35; ROCK-I; P160ROCK; PRO0435
Gene ID	6093
mRNA Refseq	NM_005406
Protein Refseq	NP_005397
MIM	601702
UniProt ID	Q13464
Chromosome Location	18q11.2
Pathway	Apoptosis, organism-specific biosystem; Apoptotic cleavage of cellular proteins, organism-specific biosystem; Apoptotic executionphase, organism-specific biosystem; Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Axon guidance, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem;
Function	ATP binding; GTP-Rho binding; metal ion binding; nucleotide binding; protein binding; protein kinase activity; protein serine/threonine kinase activity;