Recombinant Human ROCK1 protein, GST-tagged

Cat. No. ROCK1-1794H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ROCK1 protein(401-710 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	401-710 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	SNRRYLSSANPNDNRTSSNADKSLQESLQKTIYKLEEQLHNEMQLKDEMEQKCRTS NIKLDKIMKELDEEGNQRRNLESTVSQIEKEKMLLQHRINEYQRKAEQENEKRRNVE NEVSTLKNQLEDLKKVSQNSQLANEKLSQLQKQLEEANDLLRTESDTAVRLRKSHTE MSKSISQLESLNRELQERNRILENSKSQTDKDYYQLQAILEAERRDRGHDSEMIGDL QARITSLQEEVKHLKHNLEKVEGERKEAQDMLNHSEKEKNNLEIDLNYKLKSLQQRL EQEVNEHKVTKARLTDKHQSIEEAKS
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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	cycles.
Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	ROCK1 Rho-associated, coiled-coil containing protein kinase 1 [Homo sapiens]
Official Symbol	ROCK1
Synonyms	ROCK1; Rho-associated, coiled-coil containing protein kinase 1; rho-associated protein kinase 1; p160ROCK; p160-ROCK; Rho kinase; p160 ROCK-1; renal carcinoma antigen NY-REN-35; rho-associated, coiled-coil-containing protein kinase 1; rho-associated, coiled-coil-containing protein kinase I; ROCK-I; P160ROCK; PRO0435; MGC43611; MGC131603;
Gene ID	6093
mRNA Refseq	NM_005406
Protein Refseq	NP_005397
MIM	601702
UniProt ID	Q13464

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