



ROCK I (1 - 535)

Long Name:

Rho associated coiled-coil containing protein kinase 1

Catalog Number (DU Number):

DU51657

Accession:

NM_005406.2

Expression

baculovirus

Terminus and Tag:

N-Term GST Uncleaved

Purification Method:

GSH-Sepharose

Enzymatic Assay Format:

32P filter binding

Assay Substrate:

Long S6 peptide (KEAKEKRQEIQIAKRRRLSSLRASTSKSGGSQK)

Calculated Molecular Mass:

Mono-Isotopic Mass: 89, 981.87 daltons

Average Mass: 90, 039.56 daltons

Protein Activity:

Constitutively Active

Purity:

>80 %

Storage Buffer:

50 mM Tris-HCl pH 7.5, 270 mM Sucrose, 150 mM NaCl, 0.1 mM EGTA, 0.1 % 2-mercaptoethanol, 0.02 % Brij-35, 1 mM benzamidine, 0.2 mM PMSF

Storage Temperature:

-80 deg C

Theoretical PI:

5.29

Gel Information :

Please Enquire

Native Sequence:

Amino acids M1 – L535 (end residue S1354) of human ROCK1. Residue M243 of the fusion protein is equivalent to M1 of the native enzyme. The GST tag is located at residues 1 – 220.

Protease Cleavage:

PreScission site (LEVLFQGP) residues 221 – 228

Cloning Sites:

Not1 sites of pFastBac GST 6P2

Price per aliquot (100µg):

£110.00

