CaMK4 (1 - 473)

Long Name:
calcium / calmodulin-dependent protein kinase IV

Catalog Number (DU Number):
DU 35125

Accession:
NM_001744.3

Expression
bacteria

Terminus and Tag:
N-Term GST Uncleaved

Purification Method:
GSH Sepharose

Enzymatic Buffer:
50 mM Tris-HCl pH 7.5, 0.1 % 2-mercaptoethanol, 0.1 mM CaCl2, 1 ?M Calmodulin, 10 mM MgAc,

Enzymatic Substrate:
KKLNRTLSVA; Final concentration: 300 ?M

Calculated Molecular Mass:
Mono-Isotopic Mass: 79,677.99
Average Mass: 79,728.80

Purity:
>80 %

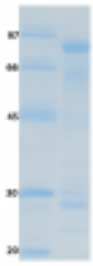
Storage Buffer:
50 mM Tris-HCl pH 7.5, 150 mM NaCl, 270 mM sucrose, 0.1 mM EGTA, 0.1 % 2-mercaptoethanol, 0.03 % Brij-35, 1 mM benzamidine, 0.2 mM PMSF

Storage Temperature:
-70 °C

Theoretical pI:
5.71

Gel Information :

Gel Image 1:



Native Sequence:
Amino acids M1 – Y473 (end) of human CAMK4. 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) at residues 221 - 228

Cloning Sites:
Not1 sites of pGEX-6P-2

Price per aliquot (100µg):
£100.00

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