



Aurora A (2 - 403)

Catalog Number (DU Number):

DU4174

Accession:

BC027464

Expression

bacteria

Terminus and Tag:

N-Term 6His Uncleaved

Purification Method:

Ni²⁺-NTA agarose

Enzymatic Assay Format:

Standard filter binding assay

Enzymatic Buffer:

50 mM Tris-HCl pH 7.5, 0.1 % 2-mercaptoethanol, 0.1 mM EGTA, 10 mM MgAc

Enzymatic Substrate:

LRRLSLGLRRLSLGLRRLSLGL; Final concentration: 300 μ M

Calculated Molecular Mass:

Mono-Isotopic Mass: 49,191.32

Average Mass: 49,222.02

Protein Activity:

Has been Activated in Vitro

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, 0.2 mM PMSF, 1 mM Benzamidine.

Storage Temperature:

-70 °C [Long term stability to be determined]

Theoretical pI:

9.51

Gel Information :

Gel Image 1:



Native Sequence:

Amino acids D2 – S403 (end) of human Aurora A. Residue D35 of the fusion protein is equivalent to D2 of the native enzyme. The His(6) tag is located at residues 5 – 10.

Protease Cleavage:

Thrombin (LVPRGS) at residues 14 - 19

Cloning Sites:

BamH1 and Sal1 sites of pET28a(+)

Price per aliquot (100µg):

£100.00