

PYK2 (2 - 1009)

Long Name:

protein tyrosine kinase 2 beta

Catalog Number (DU Number):

DU1019

Accession:

NM_173176.2

Expression

baculovirus

Terminus and Tag:

N-Term 6His Uncleaved

Purification Method:

Ni-NTA agarose

Assay Buffer:

50 mM Tris-HCl pH 7.5, 0.1 mM EGTA, 0.1 % 2-mercaptoethanol, 5 mM MnCl₂

Assay Substrate:

Poly Glu Tyr (4:1)

Calculated Molecular Mass:

Mono-Isotopic Mass: 119, 382.69 daltons

Average Mass: 119, 459.41 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:

5.84

Gel Information :

Please Enquire.

Native Sequence:

Amino acids S2 – E1009 (end) of human PYK2. Residue S31 of the fusion protein is equivalent to S2 of the native enzyme. The His(6) tag is located at residues 5 – 10.

Protease Cleavage:

rTEV (ENLYFQ) residues 18 - 24

Cloning Sites:

EcoR1 and Xba1 sites of pFastBac.Hta

Price per aliquot (100µg):

£125.00

