



DYRK1b (1 - 589)

Catalog Number (DU Number):

DU12362

Accession:

NM_006483.1

Expression

bacteria

Terminus and Tag:

N-Term GST Uncleaved

Purification Method:

Glutathione Sepharose

Enzymatic Buffer:

50 mM Tris-HCl pH 7.5, 0.1mM EGTA, 10 mM DTT, 10 mM MgAc,

Enzymatic Substrate:

WOODtide [KKISGRLSPIMTEQ] Final concentration: 500 ?M

Calculated Molecular Mass:

Mono-Isotopic Mass: 91, 699.89 daltons

Average Mass: 91, 758.36 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, 10 mM DTT, 0.02 % Brij-35, 0.2 mM PMSF, 1 mM Benzamidine.

Storage Temperature:

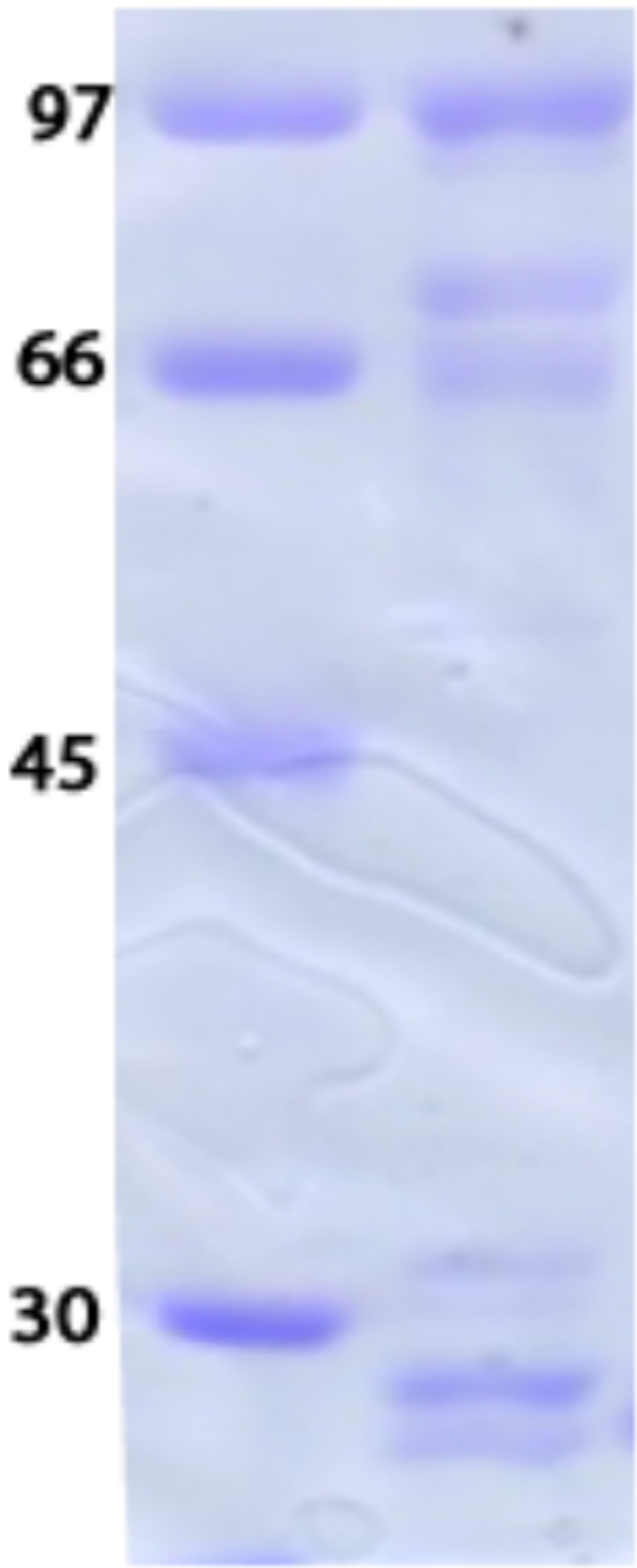
-70 °C

Theoretical pI:

8.66

Gel Information :

Gel Image 1:



Native Sequence:

Amino acids M1 – S589 (end) of human DYRK1b. Residue M232 of fusion protein is equivalent to M1 of the native enzyme. The GST tag is located at residues 1 – 220.

Protease Cleavage:

PreScission (LEVLFQGP) residues 221 - 229

Cloning Sites:

BamH1 and EcoR1 site of pFastBAC GST

Price per aliquot (100µg):

£110.00