



## CLK4 (128 - 481)

Long Name:

**CDC like kinase 4**

Catalog Number (DU Number):

**58744**

Accession:

**NM\_020666.2**

Expression

**baculovirus**

Terminus and Tag:

**N-Term GST Uncleaved**

Purification Method:

**GSH-Sepharose**

Enzymatic Buffer:

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

Enzymatic Substrate:

**RNRYRDVSPFDHSR Final concentration: 300  $\mu$ M**

Calculated Molecular Mass:

**Mono-Isotopic Mass: 68, 534.60 daltons**

**Average Mass: 68, 578.88 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:

**6.44**

Gel Information :

**Please Enquire**

Native Sequence:

**Amino acids S128 – K481 (end residue) of human CLK4. Residue S232 of the fusion protein is equivalent to S128 of the native enzyme. The GST tag is located at residues 1 - 220.**

Protease Cleavage:

**PreScission (LEVLFQGP) residues 221 - 228**

Cloning Sites:

**BamH1 and Not1 sites of pFastBac Dual.**

Price per aliquot (100µg):

**£110.00**

