# CLK2 (138 - 499)

Catalog Number (DU Number):
**DU16987**

Accession:
**NM_0039932**

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 ?M**

Calculated Molecular Mass:
**Mono-Isotopic Mass: 69, 507.17 daltons**
**Average Mass: 69, 551.72 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 °C**

Theoretical pI:
**6.33**

Gel Information :

**Gel Image 1:**


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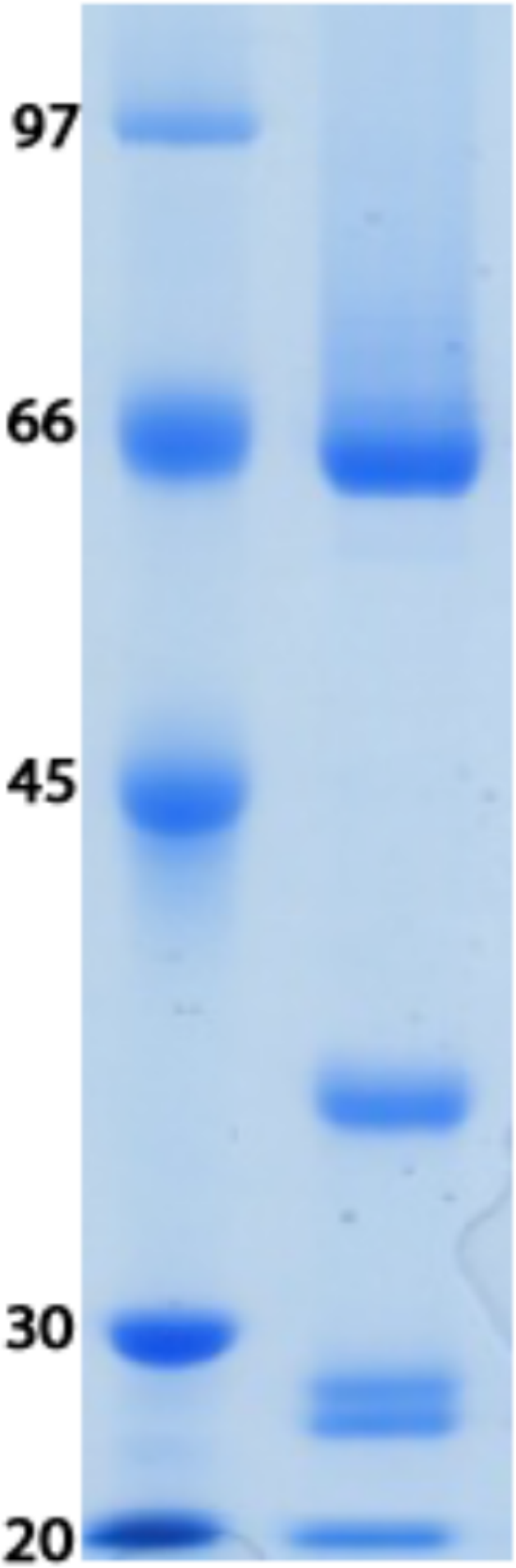


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Native Sequence:
**Amino acids R138 – R499 (end) of human CLK2. Residue R232 of the fusion protein is equivalent to R138 of the native enzyme. The GST tag is located at residues 1 – 220.**

Protease Cleavage:
**PreScission (LEVLFQGP) residues 221 - 228**

Cloning Sites:
**BamH1 and Not1 sites of pFastBAC GST**

Price per aliquot (100µg):
**£110.00**

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