



MAPKAP-K1b (RSK2) (2 - 740)

Catalog Number (DU Number):

DU1846

Accession:

NM_004586

Expression

baculovirus

Terminus and Tag:

N-Term 6His Uncleaved

Purification Method:

Ni²⁺-NTA agarose

Enzymatic Assay Format:

Standard filter binding assay

Assay Buffer:

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

Assay Substrate:

Long S6 [KEAKEKRQEQIAKRRRLSSLRASTSKSGGSQK] Final concentration: 30 μM

Calculated Molecular Mass:

Mono-Isotopic Mass: 84, 678.34 daltons

Average Mass: 84, 731.96 daltons

Purity:

>95 %

Storage Buffer:

50 mM Tris-HCl pH 7.5, 270 mM sucrose, 150 mM NaCl, 0.1mM EGTA, 0.1 % 2-mercaptoethanol, 0.02 % Brij-35, 1 mM benzamidine, 0.2 mM PMSF.

Storage Temperature:

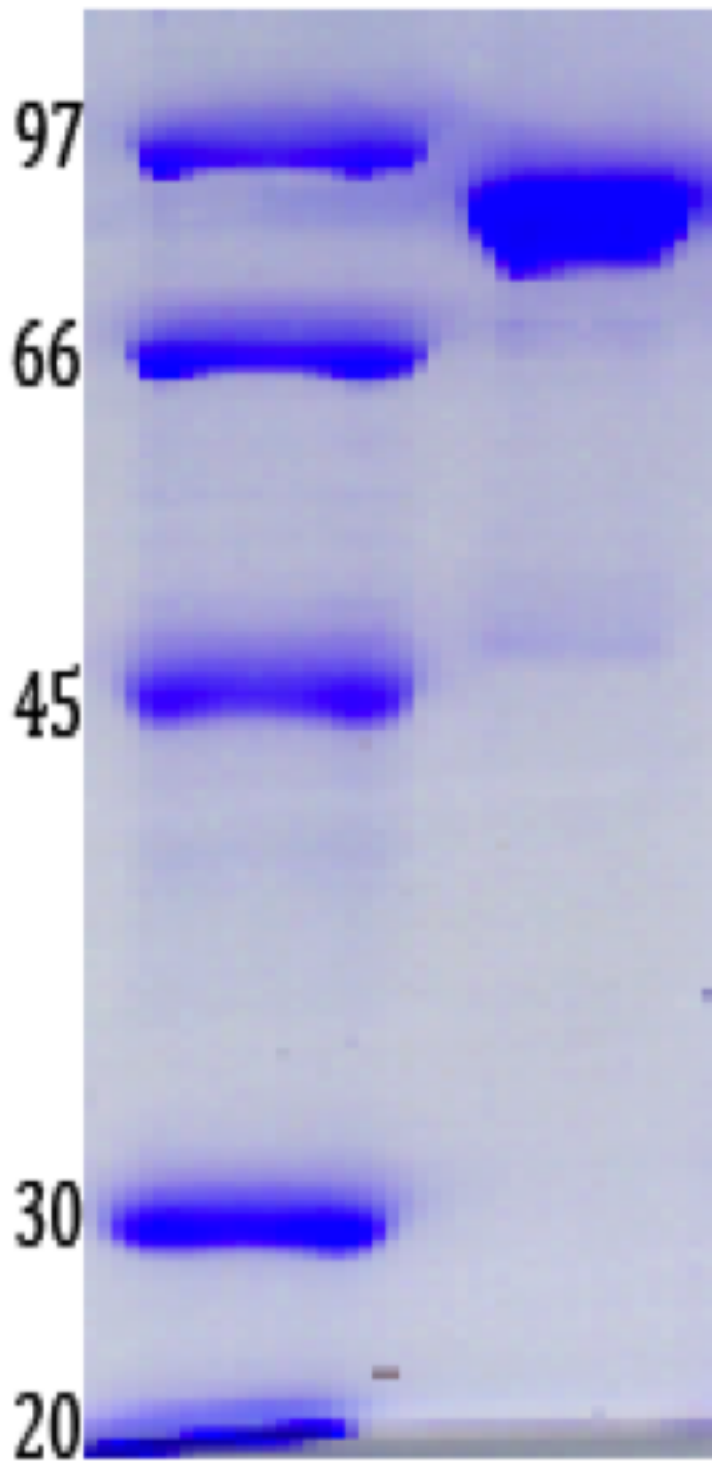
-70 °C

Theoretical PI:

6.52

Gel Information :

Gel Image 1:



Native Sequence:

Amino acids P2 – L740 (end) of human RSK2. Residue P11 of the fusion protein is equivalent to P2 of the native enzyme. The His(6) tag is located at residues 3 – 8. The following amino acid substitution is present: V – G, where V45 of the native sequence is G54 of the fusion protein.

Cloning Sites:

Nde1 and Xho1 sites of modified pFastBAC 1.

Price per aliquot (100µg):

£110.00

