



eIF2AK3 (536 - 1116)

Catalog Number (DU Number):

DU33545

Accession:

NM_0048365

Expression

bacteria

Terminus and Tag:

N-Term GST Uncleaved

Purification Method:

GSH Sepharose

Assay Buffer:

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

Assay Substrate:

SRPKtide [RSRSRSRSRSRSR] Final concentration: 300 μM

Calculated Molecular Mass:

Mono-Isotopic Mass: 93, 477.28 daltons

Average Mass: 93, 537.10 daltons

Protein Activity:

Constitutively Active

Purity:

85 %

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:

-70 °C

Theoretical PI:

5.64

Gel Information :

Gel Image 1:

97

66

45

30

20



Native Sequence:

Amino acids T536 – N1116 (end) of human eIF2AK3. Residue T238 of the fusion protein is equivalent to T536 of the native enzyme. The GST tag is located at residues 1 – 220.

Protease Cleavage:

PreScission (LEVLFQGP) residues 221 - 229

Cloning Sites:

Sall and Not1 sites of pGEX 6P-1

Price per aliquot (100µg):

£110.00

