



4E-BP1 (1 - 118)

Long Name:

Eukaryotic Translation Initiation Factor 4E binding protein 1 [1 – 118]

Catalog Number (DU Number):

DU10998

Accession:

NM_004095.3

Expression

bacteria

Terminus and Tag:

N-Term GST Uncleaved

Purification Method:

GSH Sepharose

Enzymatic Assay Format:

Substrate for mTOR

Calculated Molecular Mass:

Mono-Isotopic Mass: 39,936.02

Average Mass: 39,961.81

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:

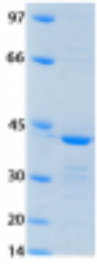
-70 °C

Theoretical pI:

5.51

Gel Information :

Gel Image 1:



Native Sequence:

Amino acids M1 – I118 (end) of human 4E-BP1. Residue M237 of the fusion protein is equivalent to M1 of the native enzyme. The GST tag is located at residues 1 – 220.

Protease Cleavage:

PreScission (LEVLFGQP) residues 221 - 229

Cloning Sites:

BamH1 and Not1 sites of pGEX 6P-1

Price per aliquot (100µg):

£100.00