CREB (1 - 283)

Catalog Number (DU Number):
DU1570

Accession:
NM_031017

Expression
bacteria

Terminus and Tag:
N-Term GST Uncleaved

Purification Method:
GSH Sepharose

Calculated Molecular Mass:
Mono-Isotopic Mass: 56, 100.27 daltons
Average Mass: 56, 135.60 daltons

Purity:
75 %

Storage Buffer:
50 mM Tris/HCl pH 7.5, 50 % glycerol, 150 mM NaCl, 0.1 mM EGTA, 0.1 % 2-mercaptoethanol, 0.02 % Brij-35, 0.2 mM PMSF, 1 mM Benzamidine.

Storage Temperature:
–20 °C

Theoretical pI:
5.05

Gel Information :

Gel Image 1:

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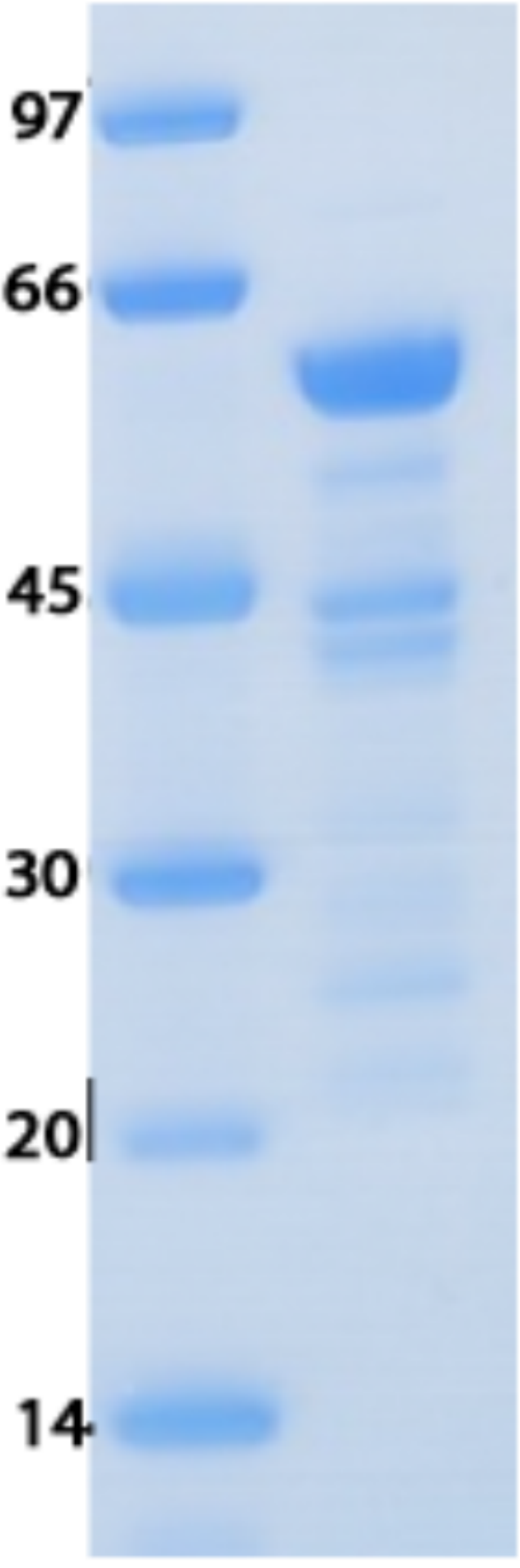

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Native Sequence:
Amino acids M1 – A283 of rat CREB. [Full length protein ends at residue D341] Residue M229 of the fusion protein is equilivalent to M1 of the native protein. The GST tag is located at residues 1 – 220. The following amino acid is present after the CREB sequence, V, at residue 512. The following amino acid substitution is present: D – E, where D4 of the native sequence is E232 of the fusion protein

Protease Cleavage:
Thrombin (LVPRGS) residues 221 - 226

Cloning Sites:
Sma1 and Xba1 of pGEX 2T

Price per aliquot (100µg):
£110.00

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