



ERK8 (2 - 544)

Catalog Number (DU Number):

DU662

Accession:

AY065978

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:

Myelin basic protein Final concentration: 0.3 mg/ml

Calculated Molecular Mass:

Mono-Isotopic Mass: 62, 620.38 daltons

Average Mass: 62, 659.22 daltons

Protein Activity:

Constitutively Active

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

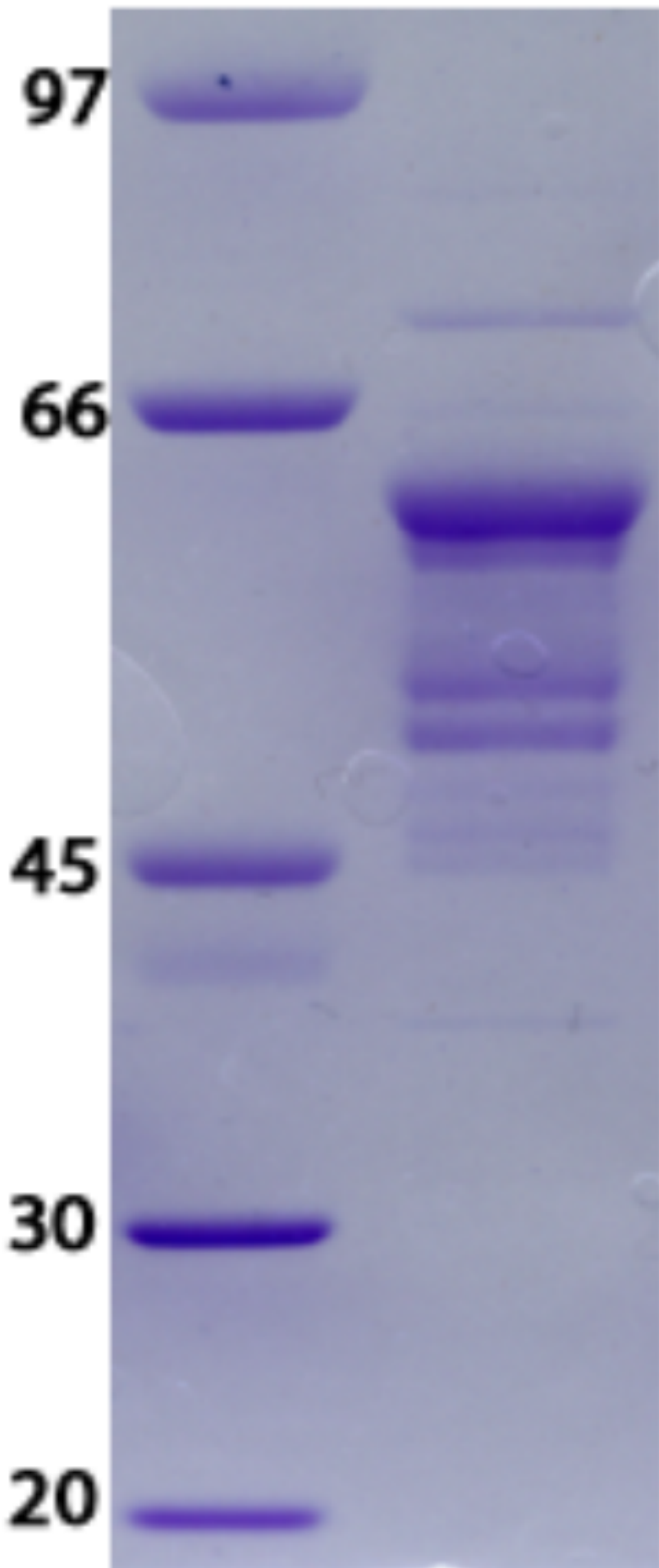
Theoretical PI:

8.84

Gel Information :

Gel Image 1:





Native Sequence:

Amino acids C2 – V544 (end) of human ERK8. Residue C26 of the fusion protein is equivalent to C2 of the native enzyme. The His(6) tag is located at residues 2 – 7 of the fusion protein.

Protease Cleavage:

rTEV (ENLYFQG) residues 15 - 21

Cloning Sites:

BamH1 and EcoR1 site of pFastBAC HTb

Price per aliquot (100µg):

£110.00