



EGFR (695 - 1210)

Long Name:

Epidermal Growth Factor Receptor

Catalog Number (DU Number):

DU 63647

Accession:

NM_005228.4

Expression

baculovirus

Terminus and Tag:

N-Term GST Uncleaved

Purification Method:

GSH-Sepharose

Enzymatic Assay Format:

32P filter binding

Assay Buffer:

50 mM Tris-HCl pH 7.5, 0.1 mM EGTA, 10 mM DTT, 2 mM MnCl₂

Assay Substrate:

Poly Glu Tyr (4:1) Final concentration: 0.1 mg/ml

Calculated Molecular Mass:

Mono-Isotopic Mass: 84, 555.56 daltons

Average Mass: 84, 609.73 daltons

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:

-80 deg C

Theoretical PI:

5.46

Gel Information :
Please Enquire

Native Sequence:

Amino acids G695 – A1210 (end) of human EGFR. Residue S231 of the fusion protein is equivalent to G695 of the native enzyme. The GST tag is located at residues 1 – 220.

Protease Cleavage:

PreScission site (LEVLFQGP) residues 221 – 228

Cloning Sites:

Xho1 and HindIII sites into Sal1 and HindIII followed by frame correction of pFastBac GST 6P1

Price per aliquot (100µg):

£110.00