EPH A3 (568 - 983)

Long Name:
EPH receptor A3

Catalog Number (DU Number):
DU63469

Accession:
NM_005233.6

Expression
bacteria

Terminus and Tag:
N-Term GST Uncleaved

Purification Method:
GSH Sepharose

Enzymatic Assay Format:
Standard filter binding assay

Assay Buffer:
50 mM Tris-HCl pH 7.5, 0.1 mM EGTA, 0.1 % 2?mercaptoethanol, 10 mM MgAc

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

Calculated Molecular Mass:
Mono-Isotopic Mass: 73, 236.39 daltons
Average Mass: 73, 283.43 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:
-80 °C

Theoretical PI:
6.75

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Gel Information :
Please Enquire

Native Sequence:
Amino acids C568 – V983 (end) of human EPH A3. Residue 232C of the fusion protein is equivalent to C568 of the native enzyme. The GST tag is located at residues 1 – 220. The enzyme has a L856Q mutation. Residues L856 is equivalent to Q520 of the fusion protein

Protease Cleavage:
PreScission (LEVLFQGPL) residues 221 - 229

Cloning Sites:
BamH1 and Not1 site of pGEX 6P-1

Price per aliquot (100µg):
£110.00

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