



ALK2 (175 - 509)

Long Name:

activin A receptor type 1

Catalog Number (DU Number):

DU19351

Accession:

Q04771-1

Expression

baculovirus

Terminus and Tag:

N-Term 6His Uncleaved

Purification Method:

Nickel Agarose

Assay Buffer:

50 mM Tris-HCl pH 7.5, 0.1 mM EGTA, 0.1 % 2-mercaptoethanol, 10 mM MgAc

Assay Substrate:

Casein

Calculated Molecular Mass:

Mono-Isotopic Mass: 41, 412.69 daltons

Average Mass: 41, 439.28 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 deg C

Theoretical PI:

6.73

Gel Information :

Please Enquire

Native Sequence:

Amino acids V175 – C509 (end) of human ALK2. Residue V30 of fusion protein is equivalent to V175 of the native enzyme. The His(6) tag is located at residues 5 – 10.

Protease Cleavage:

rTEV (ENLYFQG) residues 18 - 24

Cloning Sites:

BamH1 and Not1 sites of pFastBAC HTb

Price per aliquot (100µg):

£110.00

