



## ABL (118 - 535)

Catalog Number (DU Number):

**DU5578**

Accession:

**NM\_005157**

Expression

**bacteria**

Terminus and Tag:

**N-Term GST Uncleaved**

Purification Method:

**GSH Sepharose**

Enzymatic Buffer:

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

Enzymatic Substrate:

**ABLtide [EAIYAAPFAKKK], Final concentration: 300 ?M**

Calculated Molecular Mass:

**Mono-Isotopic Mass: 74,424.49**

**Average Mass: 74,472.32**

Purity:

**>80 %**

Storage Buffer:

**50 mM Tris-HCl pH 7.5, 150 mM NaCl, 270 mM sucrose, 0.1 mM EGTA, 0.1 % 2-mercaptoethanol, 0.03 % Brij-35, 1 mM benzamidine, 0.2 mM PMSF**

Storage Temperature:

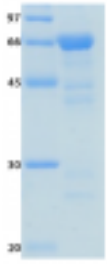
**-70 °C**

Theoretical pI:

**6.00**

Gel Information :

**Gel Image 1:**



Native Sequence:

**Amino acids P118 – S535 of human ABL1. [Full length protein ends at residue R1130]. Residue P232 of the fusion protein is equivalent to P2 of the native enzyme. The GST tag is located at residues 1 – 220.**

Protease Cleavage:

**Proteolysis site (LEVLFQGP) at residues 221 - 228**

Cloning Sites:

**BamH1 and EcoR1 sites of pGEX-6P-1**

Price per aliquot (100µg):

**£100.00**

