

BioActive Human ABL1-BCR fusion Recombinant Protein, Fc Tag

Catalog Number: SGRP00621

DESCRIPTION	
Product Name	BioActive Human ABL1-BCR fusion Recombinant Protein, Fc Tag
Gene Name	ABL1
Source	Full length Human ABL1 (T315I), expressed in HEK293 cells.
Alternative names	
SPECIFICATIONS	
Biological Activity	Fully biologically active
Purity	> 95% by SDS-PAGE & HPLC
Endotoxin Level	< 1.0 EU per µg protein as determined by the LAL method
Expression System	HEK293 Cells
Format	Recombinant
Species	Human
Predicted MW	19.64 kDa
Actual MW	19.64 kDa
Applications	Sandwich ELISA Functional Studies Mass Spectrometry SDS-PAGE HPLC
Form	Lyophilized from sterile PBS, pH 7.4
Concentration	N/A
Stability and Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Reconstitute with Phosphate Buffered Saline.
BACKGROUND	
Gene Accession	A1Z199
Gene Alias	ABL1-BCR fusion
Background	The Ph chromosome (BCR-ABL fusion gene) is formed by fusion of the 3' sequences from ABL1 (Abelson) gene at 9q34 to the 5' portion of the BCR (breakpoint cluster region) gene sequences at 22q11. The product of this fusion BCR-ABL gene is a constitutively active protein tyrosine kinase, p210 BCR-ABL, that promotes cellular proliferation and suppresses apoptosis. BCR-ABL kinase activity is critical to the development of CML.