

BioActive Human ABL1 (E255K,E255V,Y253H,F359V,F359C,F359I) Recombinant Protein,Fc Tag

Catalog Number:SGRP00627

DESCRIPTION	
Product Name	BioActive Human ABL1 (E255K,E255V,Y253H,F359V,F359C,F359I) Recombinant Protein,Fc Tag
Gene Name	ABL1
Source	Full length Human ABL1 (I242T,M244V,K247R,L248V,G250E,G250R,Q252R,Q252H,Y253F,Y253H,E255K,E255V,M237V,E258D,W261L,L273M,E275K,E275Q,D276G,T277A,E279K,V280A,V289A,V289I,E292V,E292Q,I293V,L298V,V299L,F311L,F311I,T315I,F317L,F317V,F317I,F317C,Y320C,L324Q,Y342H,M343T,A344V,A350V,M351T,E355D,E355G,E355A,F359V,F359I,F359C,F359L,D363Y,L364I,A365V,A366G,L370P,V371A,E373K,V379I,A380T,F382L,L384M,L387M,L387F,L387V,M388L,Y393C,H396P,H396R,H396A,A397P,S417F,S417Y,I418S,I418V,A433T,S438C,E450K,E450G,E450A,E450V,E453K,E453G,E453A,E453V,E459K,E459G,E459A,E459V,M472I,P480L,F486S,E507G), 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	
Actual MW	
Applications	Sandwich ELISA Functional Studies Mass Spectrometry SDS-PAGE HPLC
Form	Lyophilized from sterile PBS, pH 7.10
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	P00519

Gene Alias	Protein names Recommended name Tyrosine-protein kinase ABL1 EC number EC:2.7.10.2 2 Publications (UniProtKB ENZYME Rhea) Alternative names Abelson murine leukemia viral oncogene homolog 1 Abelson tyrosine-protein kinase 1 Proto-oncogene c-Abl p150 Gene names Name ABL1 Synonyms ABL, JTK7
Background	It confers clinical resistance to nilotinib.