

BioActive Human ALK (C1156Y,L1196M) Recombinant Protein,Fc Tag

Catalog Number:SGRP00640

DESCRIPTION	
Product Name	BioActive Human ALK (C1156Y,L1196M) Recombinant Protein,Fc Tag
Gene Name	ALK
Source	Full length Human ALK (L1196M,S1206Y,G1269A,I1171T), 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 7.23
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	Q9UM73
Gene Alias	Protein names Recommended name ALK tyrosine kinase receptor Curated EC number EC:2.7.10.1 2 Publications (UniProtKB ENZYME Rhea) Alternative names Anaplastic lymphoma kinase 1 Publication CD Antigen Name CD246 Gene names Name ALK
Background	Alectinib (CH5424802, Alecensa) is a potent and highly selective inhibitor of ALK tyrosine kinase with IC50 of 1.9 nM. More importantly, it has activity against L1196M which is one of the commonly seen secondary mutations in ALK gene leading to resistance to crizotinib.



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