

BioActive Human CBL (Y371H,C384R) Recombinant Protein,Fc Tag

Catalog Number:SGRP00692

DESCRIPTION	
Product Name	BioActive Human CBL (Y371H,C384R) Recombinant Protein,Fc Tag
Gene Name	CBL
Source	Full length Human CA9 overexpression, 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 7.75
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	P22681
Gene Alias	Protein names Recommended name E3 ubiquitin-protein ligase CBL EC number EC:2.3.2.27 3 Publications (UniProtKB ENZYME Rhea) Alternative names Casitas B-lineage lymphoma proto-oncogene Proto-oncogene c-Cbl RING finger protein 55 RING-type E3 ubiquitin transferase CBL Curated Signal transduction protein CBL Gene names Name CBL Synonyms CBL2, RNF55
Background	CBL Y371H lies within the linker region of the Cbl protein (PMID: 20622007). Y371H results in a loss of Cbl ubiquitin ligase activity, leading to activation of FLT3, AKT, and STAT5, and transformation of cultured cells when co-expressed with FLT3 or KIT (PMID: 23696637, PMID: 20622007).



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