

## BioActive Human AKT2 amplification Recombinant Protein,Fc Tag

Catalog Number:SGRP00632

DESCRIPTION	
Product Name	BioActive Human AKT2 amplification Recombinant Protein,Fc Tag
Gene Name	AKT2
Source	Full length Human AKT1 (H238Y), 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 7.15
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	P31751
Gene Alias	Protein names Recommended name RAC-beta serine/threonine-protein kinase EC number EC:2.7.11.1 (UniProtKB   ENZYME   Rhea) Alternative names Protein kinase Akt-2 Protein kinase B beta (PKB beta) RAC-PK-beta Gene names Name AKT2
Background	AKT2 Amplification is present in 0.96% of AACR GENIE cases, with breast invasive ductal carcinoma, pancreatic adenocarcinoma, high grade ovarian serous adenocarcinoma, lung adenocarcinoma, and squamous cell lung carcinoma having the greatest prevalence.