

BioActive Human AURKA amplification Recombinant Protein,Fc Tag

Catalog Number:SGRP00663

DESCRIPTION	
Product Name	BioActive Human AURKA amplification Recombinant Protein,Fc Tag
Gene Name	AURKA
Source	Full length Human ATR deletion, 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 7.46
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	O14965
Gene Alias	Protein names Recommended name Aurora kinase A EC number EC:2.7.11.1 6 Publications (UniProtKB ENZYME Rhea) Alternative names Aurora 2 1 Publication Aurora/IPL1-related kinase 1 1 Publication (ARK-1 1 Publication; Aurora-related kinase 1 1 Publication) Breast tumor-amplified kinase 1 Publication Ipl1- and aurora-related kinase 1 By Similarity Serine/threonine-protein kinase 15 2 Publications Gene names Name AURKA Synonyms AIK 1 Publication, AIRK1 , ARK1 , AURA , AYK1 By Similarity, BTAK 1 Publication, IAK1 By Similarity, STK15 2 Publications, STK6 1 Publication

adenocarcinoma, invasive breast carcinoma, and rectal adenocarcinoma having the greatest prevalence.

Background

AURKA Amplification is present in 0.93% of AACR GENIE cases, with breast invasive ductal carcinoma, colon adenocarcinoma, lung