

## BioActive Human CCNE1 amplification Recombinant Protein,Fc Tag

Catalog Number:SGRP00696

DESCRIPTION	
Product Name	BioActive Human CCNE1 amplification Recombinant Protein,Fc Tag
Gene Name	CCNE1
Source	Full length Human CCND3 amplification, 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 7.79
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	P24864
Gene Alias	Protein names Recommended name G1/S-specific cyclin-E1 Gene names Name CCNE1 Synonyms CCNE

where high cyclin E levels are associated with genome instability, whole-genome doubling and resistance to cytotoxic and targeted therapies.

#### Background

CCNE1 Amplification is present in 1.87% of AACR GENIE cases, with high grade ovarian serous adenocarcinoma, lung adenocarcinoma, breast invasive ductal carcinoma, endometrial serous adenocarcinoma, and esophageal adenocarcinoma having the greatest prevalence. CCNE1 amplification has been identified as a primary oncogenic driver in a subset of high grade serous ovarian cancer that have an unmet clinical need. Amplification of the CCNE1 locus on chromosome 19q12 is prevalent in multiple tumour types, particularly in high-grade serous ovarian cancer, uterine tumours and gastro-oesophageal cancers,