

BioActive Human AR overexpression Recombinant Protein, Fc Tag

Catalog Number: SGRP00649

DESCRIPTION	
Product Name	BioActive Human AR overexpression Recombinant Protein, Fc Tag
Gene Name	AR
Source	Full length Human AR 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 7.32
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	P29275
Gene Alias	Protein names Recommended name Adenosine receptor A2a Gene names Name ADORA2A Synonyms ADORA3
Background	Androgen receptor (AR) is overexpressed in the majority of castration-resistant prostate cancers (CRPCs). The overexpression of AR enhances the binding of the receptor to chromatin in the presence of low concentrations of androgens. Furthermore, AR overexpression alters also the dynamics of chromatin binding of the receptor and the binding of basic components of the transcriptional machinery.