

## BioActive Human BRCA2 oncogenic mutation Recombinant Protein,Fc Tag

Catalog Number:SGRP00686

DESCRIPTION	
Product Name	BioActive Human BRCA2 oncogenic mutation Recombinant Protein,Fc Tag
Gene Name	BRCA2
Source	Full length Human BRCA1 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 7.69
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	P51587
Gene Alias	Protein names Recommended name Breast cancer type 2 susceptibility protein Curated Alternative names Fanconi anemia group D1 protein Gene names Name BRCA2 Imported Synonyms FACD, FANCD1
Background	Both BRCA1 and BRCA2 proteins play a crucial role in the maintenance of genomic integrity through the process of precise DNA repair by homologous recombination. Mutations in BRCA1 and BRCA2 genes are associated with about 20% of familial breast and ovarian cancers.