

## BioActive Human BRCA1 deletion Recombinant Protein,Fc Tag

Catalog Number:SGRP00685

DESCRIPTION	
Product Name	BioActive Human BRCA1 deletion Recombinant Protein,Fc Tag
Gene Name	BRCA1
Source	Full length Human BRCA1 oncogenic mutation, 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 7.68
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	P38398
Gene Alias	Protein names Recommended name Breast cancer type 1 susceptibility protein EC number EC:2.3.2.27 6 Publications (UniProtKB   ENZYME   Rhea) Alternative names RING finger protein 53 RING-type E3 ubiquitin transferase BRCA1 Curated Gene names Name BRCA1 Synonyms RNF53

material in preparation for cell division. By helping to repair DNA, the BRCA1 protein plays a critical role in maintaining the stability of a cell's genetic information.

#### Background

The BRCA1 protein is involved in repairing damaged DNA. In the nucleus of many types of normal cells, the BRCA1 protein interacts with several other proteins to mend breaks in DNA. These breaks can be caused by natural and medical radiation or other environmental exposures, and they also occur when chromosomes exchange genetic