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Datasheet for ABIN7505164

BRCA1 Protein (AA 1564-1863) (His tag)

Overview

Quantity:	100 µg
Target:	BRCA1
Protein Characteristics:	AA 1564-1863
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BRCA1 protein is labelled with His tag.

Product Details

Sequence:	Leu 1564-Tyr 1863
Characteristics:	A DNA sequence encoding the Human BRCA1 protein (P38398) (Leu 1564-Tyr 1863) was expressed with a N-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	BRCA1
Alternative Name:	BRCA1 (BRCA1 Products)
Background:	Background: RCA1,also named as RNF53,plays a central role in DNA repair by facilitating cellular response to DNA repair. It is required for appropriate cell cycle arrests after ionizing irradiation in both the S-phase and the G2 phase of the cell cycle. The BRCA1-BAR Synonym: BRCA 1,BRCA1,BRCA1 DNA repair associated,BRCA1/BRCA2 containing complex

Target Details

	subunit 1,BRCA1/BRCA2-containing complex,subunit 1,BRCA1,BRCAI,BRCC 1,BRCC1,Breast and ovarian cancer susceptibility protein 1,Breast Cancer 1,Breast Cancer 1 Early Onset,Breast cance
Molecular Weight:	32.89 kDa
UniProt:	P38398
Pathways:	Cell Division Cycle , DNA Damage Repair , Intracellular Steroid Hormone Receptor Signaling Pathway , Positive Regulation of Response to DNA Damage Stimulus

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months