Recombinant Rat Brca2 protein, His & T7-tagged

Cat. No. Brca2-6858R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Brca2 aa. (Ala2913~Pro3151 (Accession # O35923)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ala2913~Pro3151
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.5kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.9.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

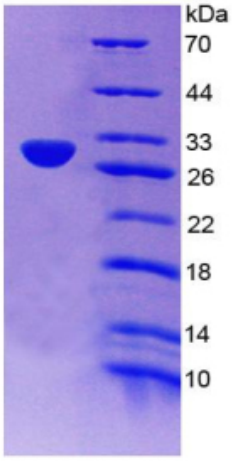
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Brca2 BRCA2, DNA repair associated [Rattus norvegicus (Norway rat)]
Official Symbol	Brca2
Synonyms	breast cancer 2, early onset; breast cancer 2, mutation 1, University of Wisconsin-Madison; breast cancer susceptibility protein 2; fanconi anemia group D1 protein homolog; breast cancer type 2 susceptibility protein homolog
Gene ID	360254
mRNA Refseq	NM_031542.2
Protein Refseq	NP_113730.2
UniProt ID	O35923

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SDS-PAGE	 15% SDS-PAGE

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