Breast Cancer Susceptibility Protein 2 (BRCA2) Recombinant Protein | BRCA2 recombinant protein

Recombinant Breast Cancer Susceptibility Protein 2 (BRCA2)

CATALOG #	HOST	APPLICATIONS
AAA135531	**E Coli**	**Western Blot, SDS-Page**

PRODUCT SYNONYMS

Breast Cancer Susceptibility Protein 2 (BRCA2); Recombinant Breast Cancer Susceptibility Protein 2 (BRCA2); BRCA2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Concentration	Original Concentration: 200 Ug/mL (varies by lot)
Sequence Length	3418
Applicable Applications for BRCA2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Lys2308~His2537
Tags	N-terminal His Tag
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT,0.01% SKL, 5% Trehalose and Proclin300
Predicted isoelectric point	9.7
Predicted Molecular Mass	29.9kDa
Accurate Molecular Mass	32kDa as determined by SDS-PAGE reducing conditions.
USAGE	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8ºC for one month. Aliquot and store at -80ºC for 12 months. Stability Test: The thermal stability is described by the loss rate. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395734
NCBI GeneID	675
NCBI Accession #	NP_000050.2
NCBI GenBank Nucleotide #	NM_000059.3
UniProt Accession #	P51587; O00183; O15008; Q13879; Q5TBJ7
Molecular Weight	30.0kDa
NCBI Official Full Name	breast cancer type 2 susceptibility protein
NCBI Official Synonym Full Names	breast cancer 2, early onset
NCBI Official Symbol	BRCA2
NCBI Official Synonym Symbols	FAD; FACD; FAD1; GLM3; BRCC2; FANCB; FANCD; PNCA2; FANCD1; BROVCA2
NCBI Protein Information	breast cancer type 2 susceptibility protein; fanconi anemia group D1 protein; breast cancer 2 tumor suppressor; BRCA1/BRCA2-containing complex, subunit 2; breast and ovarian cancer susceptibility gene, early onset; truncated breast and ovarian cancer susceptibility protein 2
UniProt Protein Name	Breast cancer type 2 susceptibility protein
UniProt Gene Name	**BRCA2**
UniProt Synonym Gene Names	FACD; FANCD1
UniProt Entry Name	BRCA2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/brca2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/135531