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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

BRCA2 (Human) Recombinant Protein (Q01)

Catalog Number: H00000675-Q01

Regulation Status: For research use only (RUO)

Product Description: Human BRCA2 partial ORF (NP_000050, 3319 a.a. - 3418 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

SPQMTPFKKFNEISLLESNSIADEELALINTQALLSGST
GEKQFISVSESTRTAPTSSDYLRRLKRRCTTSLIKEQE
SSQASTEECEKNKQDTITTKKYI

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.63

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 675

Gene Symbol: BRCA2

Gene Alias: BRCC2, FACD, FAD, FAD1, FANCB, FANCD, FANCD1

Gene Summary: Inherited mutations in BRCA1 and this gene, BRCA2, confer increased lifetime risk of developing breast or ovarian cancer. Both BRCA1 and BRCA2 are involved in maintenance of genome stability,

specifically the homologous recombination pathway for double-strand DNA repair. The BRCA2 protein contains several copies of a 70 aa motif called the BRC motif, and these motifs mediate binding to the RAD51 recombinase which functions in DNA repair. BRCA2 is considered a tumor suppressor gene, as tumors with BRCA2 mutations generally exhibit loss of heterozygosity (LOH) of the wild-type allele. [provided by RefSeq]