


O. cDNA/ORFクローン

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Ref Seq Accession (例: NM_007299)
Gene ID (例: 672)
Gene Symbol (例: BRCA1)
Catalog No. (例: MHS6278-211691078)



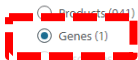
NM_007299



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More Info

BRCA1 | Human

Gene Id 672

This gene encodes a nuclear phosphoprotein that plays a role in maintaining genomic stability, and it also acts as a tumor suppressor. The encoded protein combines with other tumor suppressors, DNA damage sensors, and signal transducers to form a large multi-subunit protein complex known as the BRCA1-associated genome surveillance complex...

Species:

Homo sapiens

Products:

Cell Line Models
cDNA / ORF
crRNA / sgRNA
shRNA
siRNA

Alias:

BRCA1, BRCC1, BROVCA1,
FANCS, IRIS, PNCA4,
PPP1R53, PSCP, RNF53

2-O-2) 下の画面はヒトBRCA1遺伝子に対するcDNA/ORFを検索した結果が表示された状態です(抜粋)。「Go to Product Page」(青点線枠)をクリックすると、詳細な製品リストが表示されます。

BRCA1 (HUMAN)

BRCA1, DNA repair associated

Alias

BRCA1|BRCC1|BROVCA1|FANCS|IRIS|PNCA4|PPP1R53|PSCP|RNF53

ENTREZGENE 672

This gene encodes a nuclear phosphoprotein that plays a role in maintaining genomic stability, and it also acts as a tumor suppressor. The encoded protein combines with other tumor suppressors, DNA damage sensors, and signal transducers to form a large multi-subunit protein complex known as the BRCA1-associated genome surveillance complex (BASC). This gene product associates with RNA polymerase II, and through the C-terminal domain, also interacts with histone deacetylase complexes. This protein thus plays a role in transcription, DNA repair of double-stranded breaks, and recombination. Mutations in this gene are responsible for approximately 40% of inherited breast cancers and more than 80% of inherited breast and ovarian cancers. Alternative splicing plays a role in modulating the subcellular localization and physiological function of this gene. Many alternatively spliced transcript variants, some of which are disease-associated mutations, have been described for this gene, but the full-length nature of only some of these variants has been described. A related pseudogene, which is also located on chromosome 17, has been identified. [provided by RefSeq, May 2009]

Product Category

- ☐ Cell Line Models
- ☒ cDNA / ORF
- ☐ crRNA / sgRNA
- ☐ shRNA
- ☐ siRNA

MGC Fully Sequenced Human BRCA1 cDNA

Human, mouse, rat, and bovine cDNAs from the Mammalian Gene Collection (MGC)

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MGC cDNAs

Human, mouse, rat, and bovine cDNAs from the Mammalian Gene Collection (MGC)

BRCA1 (HUMAN)

BRCA1, DNA repair associated

Alias

BRCA1|BRCC1|BROVCA1|FANCS|IRIS|PNCA4|PPP1R53|PSCP|RNF53

ENTREZGENE 672

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