

Recombinant Human BRCC3

Catalog No: #GP11291



Package Size: #GP11291-1 100ug

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Description

Product Name	Recombinant Human BRCC3
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 21-316 amino acids of human BRCC3
Target Name	BRCA1/BRCA2-containing complex subunit 3
Other Names	C6.1A; BRCC36; CXorf53
Accession No.	Swissprot:P46736Gene Accession:BC002999
Uniprot	P46736
GeneID	79184;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a subunit of the BRCA1-BRCA2-containing complex (BRCC), which is an E3 ubiquitin ligase. This complex plays a role in the DNA damage response, where it is responsible for the stable accumulation of BRCA1 at DNA break sites. The component encoded by this gene can specifically cleave Lys 63-linked polyubiquitin chains, and it regulates the abundance of these polyubiquitin chains in chromatin. The loss of this gene results in abnormal angiogenesis and is associated with syndromic moyamoya, a cerebrovascular angiopathy. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 5.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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