

## Recombinant Human C17orf67

Catalog No: #GP12663

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## Description

Product Name	Recombinant Human C17orf67
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 43-114 amino acids of human C17orf67
Target Name	chromosome 17 open reading frame 67
Accession No.	Swissprot:Q0P5P2Gene Accession:BC093905
Uniprot	Q0P5P2
GenelD	339210;
Storage	-20~-80°C, pH 7.6 PBS

## Background

C17orf67 (chromosome 17 open reading frame 67) is a 114 amino acid protein that is encoded by a gene mapping to human chromosome 17. Chromosome 17 makes up over 2.5% of the human genome with about 81 million bases encoding over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through DNA repair versus cell death. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, BRCA1 is directly involved in DNA repair, specifically it is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes. Chromosome 17 is also linked to neurofibromatosis, a condition characterized by neural and epidermal lesions, and dysregulated Schwann cell growth. Alexander disease, Birt-Hogg-Dube syndrome and Canavan disease are also associated with chromosome 17.

## 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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