

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



TMEM101 (Q141) Peptide

Cat No.: BS9276P

Background

TMEM101 is a 257 amino acid protein encoded by a gene that maps 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, though 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.

Swiss-Prot

Q96IK0

Applications

Blocking

Specificity

This peptide can be used with studies using BS9276 TMEM101 (Q141) pAb.

Purification & Purity

Synthetic peptide TMEM101 (Q141). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.