

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



BRP44L (I51) Peptide

Cat No.: BS3093P

Background

BRP44L (brain protein 44-like protein), also known as HSPC040 or CGI-129, is a 109 amino acid mitochondrial protein belonging to the UPF0041 family. The gene that encodes BRP44L maps to human chromosome 6. Making up nearly 6% of the human genome, chromosome 6 contains around 1,200 genes within 170 million base pairs of sequence. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer suggesting the presence of a cancer susceptibility locus. Porphyria cutanea tarda is associated with chromosome 6 through the HFE gene which, when mutated, predisposes an individual to developing this porphyria. Notably, the PARK2 gene, which is associated with Parkinson's disease, and the genes encoding the major histocompatibility complex proteins, which are key molecular components of the immune system and determine predisposition to rheumatic diseases, are also located on chromosome 6. Stickler syndrome, 21-hydroxylase deficiency and maple syrup urine disease are also associated with genes on chromosome 6. A bipolar disorder susceptibility locus has been identified on the q arm of chromosome 6.

Swiss-Prot

Q9Y5U8

Applications

Blocking

Specificity

This peptide can be used with studies using BS3093 BRP44L (I51) pAb .

Purification & Purity

Synthetic peptide BRP44L (I51) . (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.

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