

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



AChR α 7 Peptide

Cat No.: BS60391P

Background

Chromosome 15 encodes over 700 genes and comprises nearly 3% of the human genome. CHR α 7, a fusion protein comprised of FAM7A and AChR α 7, is encoded by the CHR α 7 gene, which is located on a region of human chromosome 15 that is associated with several neuropsychiatric disorders, such as schizophrenia and bipolar affective disorder. CHR α 7, also known as D-10 or CHR α 7, is a 412 amino acid multi-pass membrane protein that belongs to the nicotinic acetylcholine receptor (nAChR) subfamily of ligand-gated ion channel proteins, a protein superfamily that mediates signal transmission at synapses. CHR α 7 is expressed in the hippocampus. Alternative splicing of the CHR α 7 gene produces two splice variants.

Swiss-Prot

P36544/Q494W8

Applications

Blocking

Specificity

This peptide can be used with studies using BS60391 AChR α 7 pAb.

Purification & Purity

Synthetic peptide AChR α 7. (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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