

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Parvalbumin α Peptide

Cat No.: BS60382P

Background

Parvalbumin is a small, stable protein containing EF-hand type calcium binding sites. It is involved in calcium signaling. Typically, this protein is broken into three domains, domains AB, CD and EF, each individually containing a helix-loop-helix motif. The AB domain houses a two amino-acid deletion in the loop region, whereas domains CD and EF contain the N-terminal and C-terminal, respectively. Calcium binding proteins like parvalbumin play a role in many physiological processes, namely cell-cycle regulation, second messenger production, muscle contraction, organization of microtubules and vision. Parvalbumin expressing neurons have also been found to be in connection with various areas of clinical interest such as Alzheimer's disease, nervous system disorders, age-related cognitive defects and some forms of cancer.

Swiss-Prot

P20472

Applications

Blocking

Specificity

This peptide can be used with studies using BS60382 Parvalbumin α pAb.

Purification & Purity

Synthetic peptide Parvalbumin α . (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.