

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



OSR2 (F118) Peptide

Cat No.: BS9252P

Background

OSR (odd-skipped related) proteins belong to the odd C2H2-type zinc-finger protein family and are involved in embryonic development and bone formation. OSR2 (odd-skipped related 2) is a 312 amino acid protein that contains five zinc-finger domains. It is expressed in the kidneys, skeletal muscle, testis and mouse embryos and may be involved in transcriptional activity and osteoblast function. The expression of OSR2 is regulated by C/EBP regulatory elements. OSR2 plays a role in regulating palatal development and expression of alkaline phosphatase. Two isoforms, OSR2A and OSR2B, are produced due to alternative splicing. OSR2B is 36 amino acids shorter than OSR2A and contains only three zinc-finger motifs. Both isoforms localize to the nucleus and are thought to exhibit opposite transcriptional activities. Mutations in the gene encoding OSR2 can alter the gene expression of Pax-9 and TGF β 3.

Swiss-Prot

Q8N2R0

Applications

Blocking

Specificity

This peptide can be used with studies using BS9252 OSR2 (F118) pAb.

Purification & Purity

Synthetic peptide OSR2 (F118). (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.