

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Pax-1 (T367) Peptide

Cat No.: BS3493P

Background

Pax-1 is a sequence-specific DNA binding-protein with transcriptional activating properties. The expression pattern of Pax-1 during mouse embryogenesis indicates that it may play an important role in the development of the vertebral column. The autosomal recessive mutation 'undulated' (un) in the mouse exhibits vertebral anomalies along the entire rostrocaudal axis and is associated with a point mutation (G-to-A transition) at position 15 leading to a gly-to-ser replacement in a highly conserved region of the paired box of Pax-1. Pax-1 is required for the normal development of these three skeletal elements: the vertebral column, sternum, and scapula. Mice who are doubly heterozygous for the mutants 'undulated' and 'Patch' have a phenotype reminiscent of an extreme form of spina bifida occulta in humans.

Swiss-Prot

P15863

Applications

Blocking

Specificity

This peptide can be used with studies using BS3493 Pax-1 (T367) pAb.

Purification & Purity

Synthetic peptide Pax-1 (T367). (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.