

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Oct-6 (A332) Peptide

Cat No.: BS2295P

#### Background

POU homeodomain proteins are transcriptional regulators that function in various developmental processes (e.g. cell division, differentiation, specification and survival of specific cell types) and participate in the determination of cell fate. The 45 kDa POU transcription factor Oct-6 (also designated SCIP and Tst-1) is expressed by late embryonic Schwann cells of the peripheral nervous system and is also expressed by nonmyelinating Schwann cells in adults. Oct-6 is strongly upregulated in promyelin cells because it is required for the timely differentiation of promyelin cells into myelinating cells. Oct-6 functions during myelination and is required for the proper downregulation of its own gene when myelination proceeds. c-Myc can act synergistically with the POU domain of Oct-6 to produce myelin disease pathogenesis in the mammalian central nervous system.

#### Swiss-Prot

Q03052

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2295 Oct-6 (A332) pAb.

#### Purification & Purity

Synthetic peptide Oct-6 (A332). (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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