

## Recombinant human SOX4 protein, N-GST & C-His

Catalog Number: bs-42506P

Concentration: >1mg/ml

Species: Human

AA Seq: 70-160/474

Predicted MW: 38.5 kDa

Tags: N-GST & C-His

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Liquid

Storage: 50mM Tris-HCl (pH=9.0) with 10mM GSH

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** Sox genes comprise a family of genes that are related to the mammalian sex determining gene SRY. These genes similarly contain sequences that encode for the HMG-box domain, which is responsible for the sequence-specific DNA-binding activity. Sox genes encode putative transcriptional regulators implicated in the decision of cell fates during development and the control of diverse developmental processes. The highly complex group of Sox genes cluster at least 40 different loci that rapidly diverged in various animal lineages. At present, 30 Sox genes have been identified. Members of this family have been shown to be conserved during evolution and to play key roles during animal development. Some are involved in human diseases, including sex reversal.

### VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.