

# Recombinant Human SOX2

Catalog No: #GP10780



Package Size: #GP10780-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

|                       |  |
|-----------------------|--|
| Product Name          | Recombinant Human SOX2   |
| Brief Description     | Recombinant Protein  |
| Immunogen Description | Fusion protein corresponding to C terminal 250 amino acids of human SRY (sex determining region Y)-box 2 |
| Target Name           | SRY (sex determining region Y)-box 2   |
| Other Names           | ANOP3; MCOPS3  |
| Accession No.         | Swissprot:P48431Gene Accession:BC013923  |
| Uniprot               | P48431   |
| GeneID                | 6657;  |
| Storage               | -20~-80°C, pH 7.6 PBS  |

## Background

This intronless gene encodes a member of the SRY-related HMG-box (SOX) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The product of this gene is required for stem-cell maintenance in the central nervous system, and also regulates gene expression in the stomach. Mutations in this gene have been associated with optic nerve hypoplasia and with syndromic microphthalmia, a severe form of structural eye malformation. This gene lies within an intron of another gene called SOX2 overlapping transcript (SOX2OT).

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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