

SOX2 抗原（重组蛋白）

中文名称： SOX2 抗原（重组蛋白）

英文名称： SOX2 Antigen (Recombinant Protein)

别名： ANOP3; MCOPS3

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to C terminal 250 amino acids of human SOX2

技术规格

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|---------------------------|--|
| Full name: | SRY (sex determining region Y)-box 2 |
| Synonyms: | ANOP3; MCOPS3 |
| Swissprot: | P48431 |
| Gene Accession: | BC013923 |
| Purity: | >85%, as determined by Coomassie blue stained SDS-PAGE |
| Expression system: | Escherichia coli |
| Tags: | His tag C-Terminus, GST tag N-Terminus |
| 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). |