

## Sox-10 recombinant protein

CatalogNo: YD3028

### | Key Features

#### Reactivity

- Human

### | Recommended Dilution Ratios

### | Storage

**Storage\*** -15°C to -25°C/1 year(Avoid freeze / thaw cycles)

**Formulation** Phosphate-buffered solution

### | Basic Information

**Source** Mammalian cells

**Purification** Mammalian cells

**Purity** >90% as determined by SDS-PAGE

### | Immunogen Information

**Sequence** Amino acid:228-310,with human FC tag.

### | Target Information

**Gene name** SOX10

<b>Protein Name</b>	Transcription factor SOX-10		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">6663</a> ;	<a href="#">P56693</a> ;
<b>Cellular Localization</b>	Cytoplasm . Nucleus . Mitochondrion outer membrane ; Peripheral membrane protein ; Cytoplasmic side .		
<b>Tissue specificity</b>	Expressed in fetal brain and in adult brain, heart, small intestine and colon.		
<b>Function</b>	Transcription factor that plays a central role in developing and mature glia (By similarity). Specifically activates expression of myelin genes, during oligodendrocyte (OL) maturation, such as DUSP15 and MYRF, thereby playing a central role in oligodendrocyte maturation and CNS myelination (By similarity). Once induced, MYRF cooperates with SOX10 to implement the myelination program (By similarity). Transcriptional activator of MITF, acting synergistically with PAX3 (PubMed:21965087). Transcriptional activator of MBP, via binding to the gene promoter (By similarity).		

## | Validation Data

## | Contact information

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