

Sox-10-FC recombinant protein

Catalog No :	YD3028
Reactivity :	Human;
Purity :	>90% as determined by SDS-PAGE
Gene Name :	SOX10
Protein Name :	Transcription factor SOX-10
Sequence :	Amino acid:228-310,with FC tag.
Human Gene Id :	6663
Human Swiss Prot No :	P56693
Formulation :	Phosphate-buffered solution
Source :	Mammalian cells
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
Function :	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 MIF, acting synergistically with PAX3 (PubMed:21965087). Transcriptional activator of MBP, via binding to the gene promoter (By similarity).
Subcellular Location :	Cytoplasm . Nucleus . Mitochondrion outer membrane ; Peripheral membrane protein ; Cytoplasmic side .
Expression :	Expressed in fetal brain and in adult brain, heart, small intestine and colon.

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