

Sp7 rabbit-FC recombinant protein

Catalog No :	YD3136
Reactivity :	Human;
Purity :	>90% as determined by SDS-PAGE
Gene Name :	Sp7 / Osterix
Protein Name :	Transcription factor Sp7 (Zinc finger protein osterix)
Sequence :	Amino acid:25-170,with rabbit FC tag.
Human Gene Id :	121340
Human Swiss Prot No :	Q8TDD2
Formulation :	Phosphate-buffered solution
Source :	Mammalian cells
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
Background :	This gene encodes a member of the Sp subfamily of Sp/XKLF transcription factors. Sp family proteins are sequence-specific DNA-binding proteins characterized by an amino-terminal trans-activation domain and three carboxy-terminal zinc finger motifs. This protein is a bone specific transcription factor and is required for osteoblast differentiation and bone formation.[provided by RefSeq, Jul 2010],
Function :	function:Transcriptional activator essential for osteoblast differentiation. Binds to Sp1 and EKLF consensus sequences and to other G/C-rich sequences.,similarity:Belongs to the Sp1 C2H2-type zinc-finger protein family.,similarity:Contains 3 C2H2-type zinc fingers.,
Subcellular Location :	Nucleus .
Expression :	Restricted to bone-derived cell.

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