

Sp7 rabbit-FC recombinant protein

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| 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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