# abcam

# Product datasheet

# Mouse Sp7 / Osterix peptide ab24390

## 1 Image

**Description** 

Product name Mouse Sp7 / Osterix peptide

Purity > 90 % HPLC.

Animal free No

Nature Synthetic

**Species** Mouse

#### **Specifications**

Our **Abpromise guarantee** covers the use of **ab24390** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** 

Blocking - Blocking peptide for Anti-Sp7 / Osterix antibody (ab22552)

**Form** 

Liquid

**Additional notes** 

- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.
- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.
- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.
- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.
- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.

#### **Preparation and Storage**

Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

Information available upon request.

#### **General Info**

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Function Transcriptional activator essential for osteoblast differentiation. Binds to SP1 and EKLF

consensus sequences and to other G/C-rich sequences.

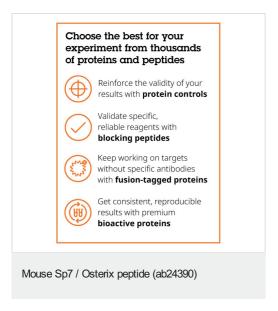
**Tissue specificity** Restricted to bone-derived cell.

**Sequence similarities**Belongs to the Sp1 C2H2-type zinc-finger protein family.

Contains 3 C2H2-type zinc fingers.

Cellular localization Nucleus.

#### **Images**



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- Replacement or refund for products not performing as stated on the datasheet
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