

# Recombinant Human MEOX1

**Cat. No.** MEOX1-29355TH    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant fragment of Human MOX1 with N-terminal proprietary tag. Predicted MW 35.79KDa.                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 88 amino acids                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | This gene encodes a member of a subfamily of non-clustered, diverged, antennapedia-like homeobox-containing genes. The encoded protein may play a role in the molecular signaling network regulating somite development. Alternatively spliced transcript variants encoding different isoforms have been described. |
| <b>Molecular Weight</b> | 35.790kDa inclusive of tags                                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                              |
| <b>Purity</b>           | Proprietary Purification                                                                                                                                                                                                                                                                                            |
| <b>Storage buffer</b>   | pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl                                                                                                                                                                                                                                                               |
| <b>Storage</b>          | Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.                                                                                                                                                                                                                           |

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**Sequences of amino acids** PEGSSKARKERTAFTKEQLRELEAEFAHHNYLTRLRRIEIAVNLDLSEKQVKVWFQ  
NRRMKWKRVKGGQPISPNGQDPEDGDSTASPS

**Sequence Similarities** Contains 1 homeobox DNA-binding domain.

## GENE INFORMATION

**Gene Name** MEOX1 mesenchyme homeobox 1 [ Homo sapiens ]

**Official Symbol** MEOX1

**Synonyms** MEOX1; mesenchyme homeobox 1; mesenchyme homeo box 1; homeobox protein MOX-1; MOX1;

**Gene ID** 4222

**mRNA Refseq** NM\_001040002

**Protein Refseq** NP\_001035091

**MIM** 600147

**Uniprot ID** P50221

**Chromosome Location** 17q21.31

**Function** DNA binding; chromatin binding; molecular\_function; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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