

Recombinant Human MEOX1

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

SPECIFICATION

Product Overview	Recombinant fragment of Human MOX1 with N-terminal proprietary tag. Predicted MW 35.79KDa.
Species	Human
Source	Wheat Germ
ProteinLength	88 amino acids
Description	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.
Molecular Weight	35.790kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	PEGSSKARKERTAFTKEQLRELEAEFAHHNYLTRRRYEIAVNLDLSERQVKVWFQ 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;