

# Recombinant Full Length Human MEOX2 Protein, GST-tagged

Cat. No. MEOX2-6135HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human MEOX2 full-length ORF ( AAH17021, 1 a.a. - 303 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	303 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 regulation of vertebrate limb myogenesis. Mutations in the related mouse protein may be associated with craniofacial and/or skeletal abnormalities, in addition to neurovascular dysfunction observed in Alzheimers disease. [provided by RefSeq
<b>Molecular Mass</b>	59.07 kDa
<b>AA Sequence</b>	MEHPLFGCLRSPHATAQGLHPFSQSSLALHGRSDHMSYPELSTSSSSCIAGYPNEE GMFASQHHRGHHHHHHHHHHHHHHHHHQQQQHQALQTNWHLPMSSPPSAARHSLCLQ PDSGGPPELGSSPPVLCNSNSSLGSSTPTGAACAPGDYGRQALSPAFAEKRSRGGK RKSDSSDSQEGNYKSEVNSKPRKERTAFTKEQIRELEAEFAHHNYLTRLRRYIEIAVN LDLTERQVKVWFQNRMRMKWKRVKGGQQGAAAREKELVNVKKGTLTPSELGIGAA TLQQTGDSIANEDSHDSDHSSEHAHL
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes** Best use within three months from the date of receipt of this protein.

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** [MEOX2 mesenchyme homeobox 2 \[ Homo sapiens \]](#)

**Official Symbol** [MEOX2](#)

**Synonyms** MEOX2; mesenchyme homeobox 2; GAX, mesenchyme homeo box 2 (growth arrest specific homeo box) , mesenchyme homeobox 2 (growth arrest specific homeo box); homeobox protein MOX-2; growth arrest specific homeobox; MOX2; growth arrest-specific homeobox; growth arrest-specific homeo box; mesenchyme homeo box 2 (growth arrest-specific homeo box); GAX;

**Gene ID** [4223](#)

**mRNA Refseq** [NM\\_005924](#)

**Protein Refseq** [NP\\_005915](#)

**MIM** [600535](#)

**UniProt ID** [P50222](#)

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