

Recombinant Full Length Human MEOX2 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human MEOX2 full-length ORF (AAH17021, 1 a.a. - 303 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	303 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 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
Molecular Mass	59.07 kDa
AA Sequence	MEHPLFGCLRSPHATAQGLHPFSQSSLALHGRSDHMSYPELSTSSSSCIAGYPNEE GMFASQHHRGHHHHHHHHHHHHHHQQQHQALQTNWHLPMSSPPSAARHSLCLQ PDSGGPPELGSSPPVLCNSSSSLGSSTPTGAACAPGDYGRQALSPAEEAEKRSGGK RKSDSSDSQEGNYKSEVNSKPRKERTAFTKEQIRELEAEFAHHNYLTRRRYEIAVN LDLTERQVKVWFQNRMRKWKRVKGGQQGAAAREKELVNVKKGTLLPSELGIGAA TLQQTGDSIANEDSHDSDHSSEHAHL
Applications	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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