

Recombinant Full Length Human MEOX2 Protein

Cat. No. MEOX2-304HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human MEOX 2 with N terminal proprietary tag, 59.07 kDa.
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.
Form	Liquid
Molecular Mass	59.070kDa inclusive of tags
AA Sequence	MEHPLFGCLRSPHATAQGLHPFSQSSLALHGRSDHMSYPE LSTSSSSCIIAGYPNE EGMFASQHHRGHHHHHHHHHHHHQ QQQHQAQTNWHLPMSSPPSAARHSLCL QPDSGGPPELG SSPPVLCNSSSSLGSSPTGAACAPGDYGRQALSPAIAEK RSG GKRKSDSSDSQEGNYKSEVNSKPRKERTAFTEQIRE LEAEFAHHNYLTRRRYEI AVNLDLTERQVKVWFQNRMRK WKRVKGGQQAAREKELVNVKKGTLPSSELSGI GAATLQ QTGDSIANEDSHSDHSSEHAHL

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Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

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
Gene ID	4223
mRNA Refseq	NM_005924
Protein Refseq	NP_005915
MIM	600535
UniProt ID	P50222

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