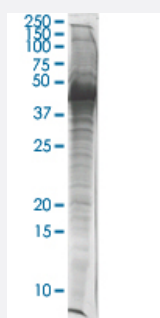


MEOX2 HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

Catalog # L142T6

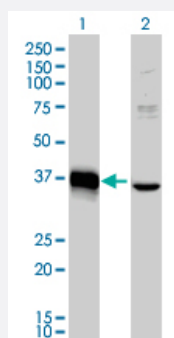
Size 100 ug

Applications



SDS-PAGE Gel

MEOX2 transfected lysate



Western Blot

Lane 1: MEOX2 transfected lysate (33 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line HEK293

Plasmid pCMV-MEOX2 full length

Host Human

Theoretical MW (kDa) 33

Lysis Buffer Modified RIPA Lysis Buffer:50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF.

Concentration 2 mg/ml

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-MEOX2 antibody ([H00004223-M03](#)) by Western Blots.
SDS-PAGE Gel
MEOX2 transfected lysate
Western Blot
Lane 1: MEOX2 transfected lysate (33 KDa).
Lane 2: Non-transfected lysate.

Recommend Usage

Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.

Storage Buffer

In modified RIPA Lysis Buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunoprecipitation

[Protocol Download](#)

Gene Info — MEOX2

Entrez GeneID [4223](#)

GeneBank Accession# [BC017021](#)

Protein Accession# [AAH17021](#)

Gene Name MEOX2

Gene Alias GAX, MOX2

Gene Description mesenchyme homeobox 2

Omim ID [600535](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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 Alzheimer's disease. [provided by RefSeq]

Other Designations

growth arrest-specific homeo box|mesenchyme homeo box 2 (growth arrest-specific homeo box)

Disease

- [Tobacco Use Disorder](#)