

Recombinant Human HOXA10 293 Cell Lysate

Cat. No. HOXA10-5429HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for homeobox A10 (HOXA10), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

HOXA10 homeobox A10 [Homo sapiens]

Official Symbol

HOXA10

Synonyms

HOXA10; homeobox A10; homeo box A10 , HOX1, HOX1H; homeobox protein Hox-A10; homeo box A10; homeobox protein 1H; homeobox protein HOXA10; homeobox protein Hox-1H; homeobox protein Hox-1.8; PL; HOX1; HOX1H; HOX1.8; MGC12859;

Gene ID

3206

mRNA Refseq

NM_018951

Protein Refseq

NP_061824

MIM

142957

UniProt ID

P31260

Chromosome Location

7p15.2

Pathway

Signaling events mediated by HDAC Class III, organism-specific biosystem; TGF-beta Receptor Signaling Pathway, organism-specific biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in

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cancer, conserved biosystem;

Function

protein binding; sequence-specific DNA binding; sequence-specific DNA binding
transcription factor activity;

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