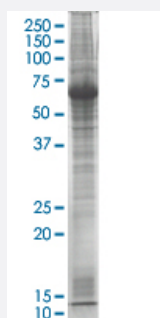


# HOXB7 HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

Catalog # L133T6

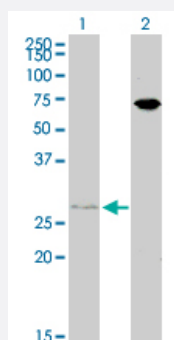
Size 100 ug

## Applications



### SDS-PAGE Gel

HOXB7 transfected lysate



### Western Blot

Lane 1: HOXB7 transfected lysate ( 24 KDa).

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	HEK293
Plasmid	pCMV-HOXB7 full length
Host	Human
Theoretical MW (kDa)	24
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-HOXB7 antibody ([H00003217-M02](#)) by Western Blots.  
SDS-PAGE Gel  
HOXB7 transfected lysate  
Western Blot  
Lane 1: HOXB7 transfected lysate ( 24 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 — HOXB7

Entrez GeneID [3217](#)

GeneBank Accession# [NM\\_004502](#)

Protein Accession# [NP\\_004493](#)

Gene Name HOXB7

Gene Alias HHO.C1, HOX2, HOX2C, Hox-2.3

Gene Description homeobox B7

Omim ID [142962](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

This gene is a member of the Antp homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of melanoma and ovarian carcinoma. [provided by RefSeq]

**Other Designations**

homeo box 2C|homeo box B7|homeo box c1 protein

**Disease**

- [Hirschsprung Disease](#)