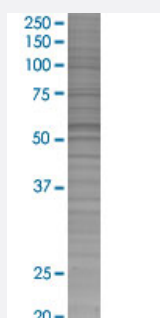


HMGB2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003148-T01

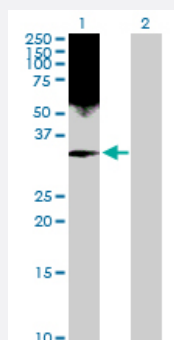
Size 100 uL

Applications



SDS-PAGE Gel

HMGB2 transfected lysate.



Western Blot

Lane 1: HMGB2 transfected lysate (24.00 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-HMGB2 full-length
Host	Human
Theoretical MW (kDa)	24
Interspecies Antigen Sequence	Mouse (97)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-HMGB2 antibody ([H00003148-D01P](#)) by Western Blots.
SDS-PAGE Gel
HMGB2 transfected lysate.
Western Blot
Lane 1: HMGB2 transfected lysate (24.00 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

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

Applications

- Western Blot

Gene Info — HMGB2

Entrez GeneID[3148](#)**GeneBank Accession#**[NM_002129.2](#)**Protein Accession#**[NP_002120.1](#)**Gene Name**

HMGB2

Gene Alias

HMG2

Gene Description

high-mobility group box 2

Omim ID[163906](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the non-histone chromosomal high mobility group protein family. The proteins of this family are chromatin-associated and ubiquitously distributed in the nucleus of higher eukaryotic cells. In vitro studies have demonstrated that this protein is able to efficiently bend DNA and form DNA circles. These studies suggest a role in facilitating cooperative interactions between cis-acting proteins by promoting DNA flexibility. This protein was also reported to be involved in the final ligation step in DNA end-joining processes of DNA double-strand breaks repair and V(D)J recombination. [provided by RefSeq]

Other Designations

high-mobility group (nonhistone chromosomal) protein 2

Disease

- [Azoospermia](#)
- [Infertility](#)
- [Oligospermia](#)