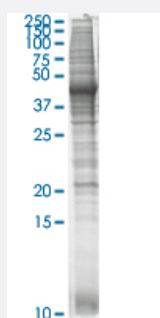


HMGB1 HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

Catalog # L128T6

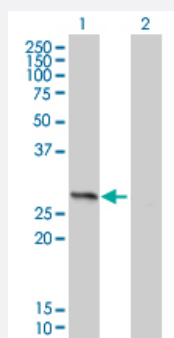
Size 100 ug

Applications



SDS-PAGE Gel

HMGB1 transfected lysate



Western Blot

Lane 1: HMGB1 transfected lysate (25 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line HEK293

Plasmid pCMV-HMGB1 full length

Host Human

Theoretical MW (kDa) 25

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-HMGB1 antibody ([H00003146-M01](#)) by Western Blots.
SDS-PAGE Gel
HMGB1 transfected lysate
Western Blot
Lane 1: HMGB1 transfected lysate (25 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 — HMGB1

Entrez GeneID [3146](#)

GeneBank Accession# [BC003378](#)

Protein Accession# [AAH03378](#)

Gene Name HMGB1

Gene Alias DKFZp686A04236, HMG1, HMG3, SBP-1

Gene Description high-mobility group box 1

Omim ID [163905](#)

Gene Ontology [Hyperlink](#)

Other Designations Amphoterin|OTTHUMP00000018199|OTTHUMP00000190860|Sulfoglucuronyl carbohydrate binding protein|high mobility group box 1|high mobility group protein 1|high-mobility group (nonhistone chromosomal) protein 1

Pathway

- [Base excision repair](#)

Disease

- [Bone Marrow Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Hematologic Neoplasms](#)
- [Puerperal Disorders](#)
- [Recurrence](#)
- [Sepsis](#)
- [Streptococcal Infections](#)
- [Systemic Inflammatory Response Syndrome](#)