

Recombinant Human HMGN4 293 Cell Lysate

Cat. No. HMGN4-5471HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for high mobility group nucleosomal binding domain 4 (HMGN4) 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

HMGN4 high mobility group nucleosomal binding domain 4 [Homo sapiens]

Official Symbol

HMGN4

Synonyms

HMGN4; high mobility group nucleosomal binding domain 4; high mobility group (nonhistone chromosomal) protein 17 like 3 , HMG17L3; high mobility group nucleosome-binding domain-containing protein 4; NHC; high mobility group protein N4; high-mobility group protein 17-like 3; non-histone chromosomal protein HMG-17-like 3; high-mobility group (nonhistone chromosomal) protein 17-like 3; HMG17L3; MGC5145;

Gene ID

10473

mRNA Refseq

NM_006353

Protein Refseq

NP_006344

UniProt ID

O00479

Chromosome Location

6p21.3

Function

DNA binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA