

Recombinant Human HMG20A 293 Cell Lysate

Cat. No. HMG20A-5482HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for high-mobility group 20A (HMG20A) 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

HMG20A high mobility group 20A [Homo sapiens]

Official Symbol

HMG20A

Synonyms

HMG20A; high mobility group 20A; high mobility group protein 20A; FLJ10739; HMG box domain containing 1; HMGX1; HMGXB1; high-mobility group 20A; HMG box-containing protein 20A; HMG domain-containing protein 1; HMG domain-containing protein HMGX1;

Gene ID

10363

mRNA Refseq

NM_018200

Protein Refseq

NP_060670

MIM

605534

UniProt ID

Q9NP66

Chromosome Location

15q24

Function

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

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