

Recombinant Human HMG20B 293 Cell Lysate

Cat. No. HMG20B-5481HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for high-mobility group 20B (HMG20B) 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

HMG20B high mobility group 20B [Homo sapiens]

Official Symbol

HMG20B

Synonyms

HMG20B; high mobility group 20B; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1-related; BRAF25; BRAF35; HMG box domain containing 2; HMGX2; HMGXB2; SMARCE1r; SOXL; SMARCE1-related protein; high-mobility group 20B; BRCA2-associated factor 35; HMG box-containing protein 20B; HMG domain-containing protein 2; Sox-like transcriptional factor; HMG domain-containing protein HMGX2; structural DNA-binding protein BRAF35; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E, member 1-related; PP7706; pp8857; FLJ26127;

Gene ID

10362

mRNA Refseq

NM_006339

Protein Refseq

NP_006330

MIM

605535

UniProt ID

Q9P0W2

**Chromosome
Location**

19p13.3

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Pathway	Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem;
Function	DNA binding; protein binding; sequence-specific DNA binding transcription factor activity;

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