

Recombinant Human IGHMBP2 293 Cell Lysate

Cat. No. IGHMBP2-5260HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for immunoglobulin mu binding protein 2 (IGHMBP2) 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

IGHMBP2 immunoglobulin mu binding protein 2 [Homo sapiens]

Official Symbol

IGHMBP2

Synonyms

IGHMBP2; immunoglobulin mu binding protein 2; DNA-binding protein SMUBP-2; cardiac transcription factor 1; CATF1; HCSA; HMN6; SMARD1; SMUBP2; GF-1; glial factor 1; ATP-dependent helicase IGHMBP2; immunoglobulin mu-binding protein 2; FLJ34220; FLJ41171;

Gene ID

3508

mRNA Refseq

NM_002180

Protein Refseq

NP_002171

MIM

600502

UniProt ID

P38935

Chromosome Location

11q13.3

Function

ATP binding; ATP-dependent 5-3 DNA helicase activity; ATP-dependent 5-3 RNA helicase activity; DNA binding; DNA helicase activity; DNA-dependent ATPase activity; RNA binding; RNA-dependent ATPase activity; hydrolase activity; metal ion

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binding; nucleotide binding; protein binding; ribosome binding; single-stranded DNA binding; tRNA binding; transcription factor binding; zinc ion binding;

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