

Recombinant Human GATAD2B 293 Cell Lysate

Cat. No. GATAD2B-6007HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for GATA zinc finger domain containing 2B (GATAD2B) 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	GATAD2B GATA zinc finger domain containing 2B [Homo sapiens]
Official Symbol	GATAD2B
Synonyms	GATAD2B; GATA zinc finger domain containing 2B; transcriptional repressor p66-beta; P66beta; transcription repressor p66 beta component of the MeCP1 complex; p66/p68; GATA zinc finger domain-containing protein 2B; FLJ37346; KIAA1150; RP11-216N14.6; MGC138257; MGC138285;
Gene ID	57459
mRNA Refseq	NM_020699
Protein Refseq	NP_065750
UniProt ID	Q8WXI9
Chromosome Location	1q21.3
Pathway	Signaling events mediated by HDAC Class I, organism-specific biosystem;
Function	metal ion binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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