Recombinant Human ZMAT3 293 Cell Lysate

Cat. No. ZMAT3-157HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for zinc finger, matrin type 3 (ZMAT3), transcript variant 2 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	ZMAT3 zinc finger, matrin-type 3 [Homo sapiens]
Official Symbol	ZMAT3
Synonyms	ZMAT3; zinc finger, matrin-type 3; zinc finger matrin-type protein 3; FLJ12296; MGC10613; PAG608; WIG 1; WIG1; WIG-1/PAG608 protein; zinc finger protein WIG1; zinc finger protein WIG-1; zinc finger, matrin type 3; p53 target zinc finger protein; p53-activated gene 608 protein; WIG-1; FLJ31683;
Gene ID	64393
mRNA Refseq	NM_022470
Protein Refseq	NP_071915
MIM	606452
UniProt ID	Q9HA38
Chromosome Location	3q26.32
Pathway	p53 signaling pathway, organism-specific biosystem; p53 signaling pathway, conserved biosystem;

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