Recombinant Human MECOM 293 Cell Lysate

Cat. No. MECOM-4396HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for MDS1 and EVI1 complex locus (MECOM), 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.
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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	MECOM MDS1 and EVI1 complex locus [Homo sapiens]
Official Symbol	MECOM
Synonyms	MECOM; MDS1 and EVI1 complex locus; ecotropic viral integration site 1 , EVI1, MDS1, myelodysplasia syndrome 1; MDS1 and EVI1 complex locus protein EVI1; MDS1 EVI1; PRDM3; oncogene EVI1; zinc finger protein Evi1; AML1-EVI-1 fusion protein; MDS1 and EVI1 complex locus protein MDS1; myelodysplasia syndrome-associated protein 1; ecotropic virus integration site 1 protein homolog; EVI1; MDS1; MDS1-EVI1; AML1-EVI-1; MGC97004; MGC163392;
Gene ID	2122
mRNA Refseq	NM_001105077
Protein Refseq	NP_001098547
MIM	165215
UniProt ID	Q03112
Chromosome Location	3q26
Pathway	Chronic myeloid leukemia, organism-specific biosystem; Chronic myeloid leukemia, conserved biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; Pathways in cancer, organism-specific

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	biosystem;
Function	DNA binding; DNA binding; metal ion binding; protein binding; protein homodimerization activity; NOT protein homodimerization activity; sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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