

Recombinant Human MECOM 293 Cell Lysate

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

SPECIFICATION

Product Overview

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.

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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

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,

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conserved biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; Pathways in cancer, organism-specific 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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