9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MECOM Human

MDS1 And EVI1 Complex Locus Human Recombinant
RCP1342

Product Overview

Name	MECOM Human
Description	
MDS1 And EVI1 Complex Locus Human Recombinant	
Accession (Primary)	Q03112
Synonyms	
MDS1 And EVI1 Complex Locus, Ecotropic Virus Integration Site 1 Protein Homolog, Myelodysplasia Syndrome-Associated Protein 1, AML1-EVI-1, MDS1-EVI1, EVI1, MDS1, PRDM3, AML1-EVI-1 Fusion Protein, MDS1 And EVI1 Complex Locus Protein EVI1, MDS1 And EVI1 Complex Locus Protein MDS1, Oncogene EVI1, Zinc Finger Protein Evi1.	
Introduction	
MDS1 is a transcriptional regulator and oncoprotein which takes part in hematopoiesis, development, cell differentiation, apoptosis and proliferation. MDS1 is able to interact with CTBP1, SMAD3, CREBBP, KAT2B, MAPK8, and MAPK9. Overexpression, as a result of translocation with the AML1 gene, is known to cause leukemia. A number of transcript variants encoding several different isoforms were found.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
MECOM protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.4M Urea and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MRSKGRA RKLATNNECV YGNYPEIPLE EMPDADGVAS TPSLNIQEPC SPATSSEAFT PKEGSPYKAP IYIPDDIPIP AEFELRESNM PGAGLGIWTK RKIEVGEKFG PYVGEQRSNL	

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KDPSYGWEVH LPRSRRVSVH SWLYLGKRSS DVGIAFSQAD VYMPGLQCAF LS

Precautions

MECOM Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q03112)