
Product Data Sheet

Product Name: MECOM Human
 Cat. No.: GP23903
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMRSKGRA RKLATNNECV YGNYPEIPLE EMPDADGVAS TPSLNIQEPC SPATSSEAFK PKEGSPYKAP IYIPDDIPIP AEFELRESNM PGAGLGIWTK RKIEVGEKFG PYVGEQRSNL KDPSYGWEVH LPRSRVSVH SWLYLGKRSS DVGIAFSQAD VYMPGLQCAF LS		
Formulation	MECOM protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.4M Urea and 10% glycerol.		

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.

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.

Background

MECOM Human Recombinant produced in E.Coli is a single, non-glycosylated

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

polypeptide chain containing 192 amino acids (1-169 a.a) and having a molecular mass of 21.1kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA