

## 32-4189: Recombinant Human MDS1 And EVI1 Complex Locus

**Alternative Name :** 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 EVI

### Description

Source : Escherichia Coli. MECOM Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 192 amino acids (1-169 a.a) and having a molecular mass of 21.1kDa. MECOM is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

### Product Info

**Amount :** 10 µg  
**Purification :** "Greater than 85.0% as determined by SDS-PAGE."  
**Content :** MECOM protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.4M Urea and 10% glycerol.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSMRSKGRA RKLATNNECV YGNYPEIPLE EMPDADGVAS  
 TPSLNIQEPC SPATSSEAFK PKEGSPYKAP IYIPDDIIP AEFELRESNM PGAGLGIWTK RKIEVGKFG  
 PYVGEQRSNL KDPSYGWEVH LPRSRRVSVH SWLYLGKRSS DVGIAFSQAD VYMPGLQCAF LS

