

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
 TPLNIQEPC SPATSSEAFK PKEGSPYKAP IYIPDDIPIP AEFELRESNM PGAGLGIWTK RKIEVGEKFG
 PYVGEQRSNL KDPSYGWEVH LPRSRRVSVH SWLYLGKRSS DVGIAFSQAD VYMPGLQCAF LS

