

Product datasheet for AR51246PU-S

MDS1 (1-169, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: MDS1 (1-169, His-tag) human protein, 20 µg

Species: Human E. coli **Expression Host:**

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMRSKGRA RKLATNNECV YGNYPEIPLE EMPDADGVAS TPSLNIQEPC SPATSSEAFT PKEGSPYKAP IYIPDDIPIP AEFELRESNM PGAGLGIWTK RKIEVGEKFG

PYVGEQRSNL KDPSYGWEVH LPRSRRVSVH SWLYLGKRSS DVGIAFSQAD VYMPGLQCAF LS

Tag: His-tag Predicted MW: 21.1 kDa

Concentration: lot specific

Purity: >85% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

Preparation: Liquid purified protein

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid Storage:

repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 001098547

Locus ID: 2122

UniProt ID: Q13465, Q03112

Cytogenetics: 3q26.2

Synonyms: AML1-EVI-1; EVI1; KMT8E; MDS1; MDS1-EVI1; PRDM3; RUSAT2



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Summary: The protein encoded by this gene is a transcriptional regulator and oncoprotein that may be

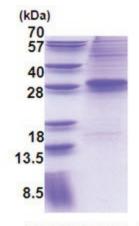
involved in hematopoiesis, apoptosis, development, and cell differentiation and proliferation. The encoded protein can interact with CTBP1, SMAD3, CREBBP, KAT2B, MAPK8, and MAPK9. This gene can undergo translocation with the AML1 gene, resulting in overexpression of this gene and the onset of leukemia. Several transcript variants encoding a few different isoforms

have been found for this gene. [provided by RefSeq, Mar 2011]

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Chronic myeloid leukemia, MAPK signaling pathway, Pathways in cancer

Product images:



15% SDS-PAGE (3ug)