

AR51246PU-N**Human MDS1 (1-169, His-tag) - Purified**

Alternate names:	MDS1-EV1, Myelodysplasia syndrome 1, PRDM3
Quantity:	0.1 mg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	MDS1 is a transcriptional regulator and oncoprotein that may be involved in hematopoiesis, apoptosis, development, and cell differentiation and proliferation. The 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. Recombinant human MDS1 protein, fused to His-tag at N-terminus, was expressed in E.coli
Uniprot ID:	Q6FH90
NCBI:	NP_004982.1
GeneID:	2122
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Description:	AA Sequence: MGSSHHHHHH SGLVPRGSH MGSMSKGRA RKLATNNECV YGNYPEIPLE EMPDADGVAS TPSLNIQEPK SPATSSEAFK PKEGSPYKAP IYIPDDIPIK AEFELRESNM PGAGLGIWTK RKIEVGEKFKG PYVGEQRSNL KDPSYGWEVH LPRSRRVSVH SWLYLGKRSS DVGIAFSQAD VYMPGLQCAF LS Molecular weight: 21.1 kDa (192aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Fears S., et al. (1996) Proc. Natl. Acad. Sci. U.S.A. 93:1642-1647.

Pictures:

