Recombinant human MDS1, His-tagged

Cat. No. MDS1-2426H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MDS1 protein, fused to His-tag at N-terminus, was expressed in E.coli
Species	Human
Source	E.coli
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Molecular Mass	21.1kDa (192aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMRSKGRA RKLATNNECV YGNYPEIPLE EMPDADGVAS TPSLNIQEPC SPATSSEAFT PKEGSPYKAPIYIPDDIPIP AEFELRESNM PGAGLGIWTK RKIEVGEKFG PYVGEQRSNL KDPSYGWEVH LPRSRRVSVH SWLYLGKRSS DVGIAFSQAD VYMPGLQCAF LS
Purity	>85 % by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	MDS1 myelodysplasia syndrome 1 [Homo sapiens]
Official Symbol	MDS1
Synonyms	MDS1; myelodysplasia syndrome 1; myelodysplasia syndrome-associated protein 1; PRDM3; MDS1-EVI1;
Gene ID	4197
Chromosome Location	-

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