Recombinant human EVI-1 protein

Catalog Number: ATGP2426

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-169aa

UniProt No.
Q03112

NCBI Accession No.
NP_004982.1

Alternative Names
MDS1 and EVI1 complex locus, myelodysplasia syndrome 1, ecotropic viral integration site 1, MDS1, EVI1, PRDM3, MDS1-EVI1

PRODUCT SPECIFICATION

Molecular Weight
21.1 kDa (192aa)

Concentration
0.25mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing , 10% glycerol, 0.4M urea

Purity
> 85% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE, Denatured

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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. Recombinant human MDS1 protein, fused to His-tag at N-terminus, was

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expressed in E. coli

Amino acid Sequence

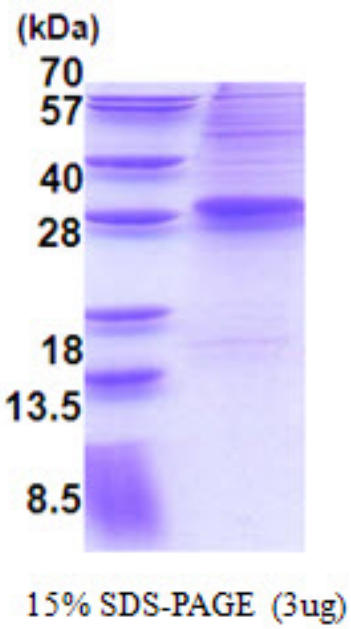
MGSSHHHHHH SSGLVPRGSH MGSMRSKGRA RKLATNNECV YGNYPEIPLE EMPDADGVAS TPSLNIQEPC SPATSSEAFT PKEGSPYKAP IYIPDDIPIP AEFELRESNM PGAGLGIWTK RKIEVGEKFG PYVGEQRSNL KDPSYGWEVH LPRSRRVSVH SWLYLGKRSS DVGIAFSQAD VYMPGLQCAF LS

General References

Fears S., et al. (1996) Proc. Natl. Acad. Sci. u.S.A. 93:1642-1647.

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.