

Recombinant human LMO1 protein

Catalog Number: ATGP2089

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-156aa

UniProt No.

P25800

NCBI Accession No.

NP_002306

Alternative Names

Rhombotin-1, RBTN1, RHOM1, TTG1

PRODUCT SPECIFICATION

Molecular Weight

20.2 kDa (179aa)

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

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

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

LMO1 is a transcriptional regulator that contains two cysteine-rich LIM domains but lacks a DNA-binding domain. LIM domains may play a role in protein interactions; thus the protein may regulate transcription by competitively binding to specific DNA-binding transcription factors. Recombinant human LMO1 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSMMVLDE DGVPMLSVQP KGKQKGCAGC NRKIKDRYLL KALDKYWHED

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CLKCACCDRCR LGEVGSTLYT KANLILCRRD YLRLFGTTGN CAACSKLIPA FEMVMRARDN VYHLDCFACQ LCNQRFCVGD
KFFLKNNMIL CQMDYEEGQL NGTFESQVQ

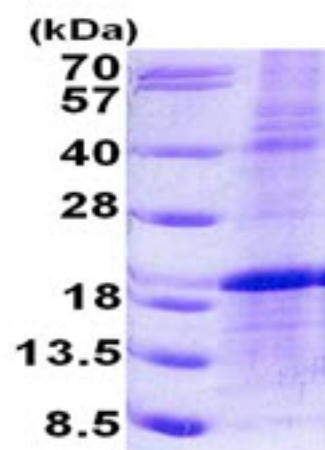
General References

Beuten,J., et al. (2011) Carcinogenesis 32 (9), 1349-1353

Wang,K., et al. (2011) Nature 469 (7329), 216-220

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

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