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## 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 MGSMMVLDKE DGVPMLSVOP KGKOKGCAGC NRKIKDRYLL KALDKYWHED



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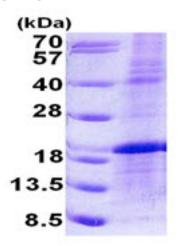
CLKCACCDCR LGEVGSTLYT KANLILCRRD YLRLFGTTGN CAACSKLIPA FEMVMRARDN VYHLDCFACQ LCNQRFCVGD KFFLKNNMIL CQMDYEEGQL NGTFESQVQ

## **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.

