

Recombinant Human LIM domain only 1 (rhombotin 1), His-tagged

Cat. No. LMO1-574H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LMO1, 1-156aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-156 a.a.
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Molecular Mass	20.2kDa (179aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMMLVDKE DGVPMLSVQP KGKQKGCAGC NRKIKDRYLL KALDKYWHEH CLKACCCDCR LGEVGSTLYT KANLILCRRD YLRLFGTTGN CAACSKLIPA FEMVMRARDN VYHLDCFACQ LCNQRFCVGD KFFLKNNMIL CQMDYEEGQL NGTFESQVQ
Purity	>85% by SDS - PAGE

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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	LMO1 LIM domain only 1 (rhombotin 1) [Homo sapiens]
Official Symbol	LMO1
Synonyms	LMO1; LIM domain only 1 (rhombotin 1); RBTN1; rhombotin-1; RHOM1; TTG1; LMO-1; LIM domain only protein 1; cysteine-rich protein TTG-1; T-cell translocation protein 1; MGC116692;
Gene ID	4004
mRNA Refseq	NM_002315
Protein Refseq	NP_002306
MIM	186921
UniProt ID	P25800
Chromosome Location	11p15
Function	metal ion binding; zinc ion binding;