

Product datasheet for TP329124

OriGene Technologies, Inc.

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LMO2 (NM_005574) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human LIM domain only 2 (rhombotin-like 1) (LMO2), transcript variant

1, 20 µg

Species: Human Expression Host: HEK293T

Expression cDNA Clone >RC229124 representing NM_005574

or AA Sequence: Red=Cloning site Green=Tags(s)

MEGSAVTVLERGGASSPAERRSKRRRRSGGDGGGGGGGARAPEGVRAPAAGQPRATKGAPPPPGTPPPSPM SSAIERKSLDPSEEPVDEVLQIPPSLLTCGGCQQNIGDRYFLKAIDQYWHEDCLSCDLCGCRLGEVGRRL YYKLGRKLCRRDYLRLFGQDGLCASCDKRIRAYEMTMRVKDKVYHLECFKCAACQKHFCVGDRYLLINSD

IVCEQDIYEWTKINGMI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 24.9 kDa

Concentration: >0.05 μg/μL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: NULL or Add: Recombinant proteins was captured through anti-DDK affinity column followed

by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling

conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 005565

Locus ID: 4005



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UniProt ID: P25791 Cytogenetics: 11p13 681 RefSeq ORF:

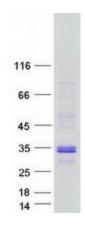
Synonyms: LMO-2; RBTN2; RBTNL1; RHOM2; TTG2

Summary: LMO2 encodes a cysteine-rich, two LIM-domain protein that is required for yolk sac

> erythropoiesis. The LMO2 protein has a central and crucial role in hematopoietic development and is highly conserved. The LMO2 transcription start site is located approximately 25 kb downstream from the 11p13 T-cell translocation cluster (11p13 ttc), where a number T-cell acute lymphoblastic leukemia-specific translocations occur. Alternative splicing results in multiple transcript variants encoding different isoforms.[provided by RefSeq, Nov 2008]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified LMO2 protein (Cat# TP329124). The protein was produced from HEK293T cells transfected with LMO2 cDNA clone (Cat# [RC229124]) using MegaTran 2.0 (Cat#

[TT210002]).