

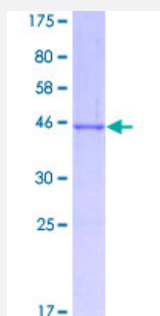
Full-Length

LMO2 (Human) Recombinant Protein (P01)

Catalog # H00004005-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human LMO2 full-length ORF (AAH34041, 1 a.a. - 158 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSSAIERKSLDPSEEPVDEVLPQIPPSLLTCGGCQQNIGDRYFLKAIDQYWHEDCLSCDLCGCR LG EVGRRLYYKLGRKLCRRDYLRPFGQDGLCASC DKRIRAYEMTMRVKDKVYHLECFKCAACQKHF CVGDRYLLINSDIVCEQDIYEWTKINGMI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	43.12
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LMO2

Entrez GeneID [4005](#)

GeneBank Accession# [BC034041](#)

Protein Accession# [AAH34041](#)

Gene Name LMO2

Gene Alias RBTN2, RBTNL1, RHOM2, TTG2

Gene Description LIM domain only 2 (rhombotin-like 1)

Omim ID [180385](#)

Gene Ontology [Hyperlink](#)

Gene 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

Other Designations LIM domain only 2[T-cell translocation gene 2]rhombotin 2[rhombotin-like 1]

Disease

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)

- [Hodgkin Disease](#)
- [Lung Neoplasms](#)
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- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)