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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

LMX1A (Human) Recombinant Protein (P01)

Catalog Number: H00004009-P01

Regulation Status: For research use only (RUO)

Product Description: Human LMX1A full-length ORF (NP_001028679.1, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MEGIMNPY TALPTPQQLLAIEQSVYSSDPFRQGLTPPQ
MPGDHMHYPYGAEPLFHDLDSDDTSLNLGDCFLATSE
AGPLQSRVGNPIDHLYSMQNSYFTS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 37.4

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 4009

Gene Symbol: LMX1A

Gene Alias: LMX-1, LMX1, LMX1.1, MGC87616

Gene Summary: Insulin is produced exclusively by the beta cells in the islets of Langerhans in the pancreas. The level and beta-cell specificity of insulin gene expression are regulated by a set of nuclear genes that bind to specific sequences within the promoter of the

insulin gene (INS; MIM 176730) and interact with RNA polymerase to activate or repress transcription. LMX1 is a homeodomain protein that binds an A/T-rich sequence in the insulin promoter and stimulates transcription of insulin (German et al., 1994 [PubMed 7698771]).[supplied by OMIM]