

Recombinant Human MEIS1 protein, GST-tagged

Cat. No. MEIS1-26868TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MEIS1(1 a.a. - 378 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-378 a.a.
Description	Homeobox genes, of which the most well-characterized category is represented by the HOX genes, play a crucial role in normal development. In addition, several homeoproteins are involved in neoplasia. This gene encodes a homeobox protein belonging to the TALE ('three amino acid loop extension') family of homeodomain-containing proteins.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	68.1 kDa
AA Sequence	MAQRYDDLPHYGGMDGVGIPSTMYGDPHAARSMQPVHHLNHGPPLHSHQYPHTA HTNAMAPSMGSSVNDALKRDK DAIYGHPLFPLLALIFEKCELATCTPREPGVAGGD VCSSSEFNEDIAVFAKQIRAEKPLFSSNPELDNLMIQAIQ VLRFHLLLELEKVHELCDN FCHRYISCLKGKMPIDLVIDDREGGSKSDSEIDITRSANLTDQPSWNRDHDDTASTRS GGTPGPSSGGHTSHSGDNSSEQGDGLDNSVASPSTGDDDDPDKDKKRHKRGIF PKVATNIMRAWLFQHLTHPYP SEEQKKQLAQDTGLTILQVNNWFINARRRIVQPMID

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QSNRAVSQGTPYNPDGQPMGGFVMDGQQHMGIRAPGKTL FLW

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

MEIS1 Meis homeobox 1 [Homo sapiens]

Official Symbol

MEIS1

Synonyms

MEIS1; Meis homeobox 1; Meis1 (mouse) homolog , Meis1, myeloid ecotropic viral integration site 1 homolog (mouse); homeobox protein Meis1; WUGSC:H_NH0444B04.1; leukemogenic homolog protein; Meis1, myeloid ecotropic viral integration site 1 homolog; MGC43380;

Gene ID

4211

mRNA Refseq

NM_002398

Protein Refseq

NP_002389

MIM

601739

UniProt ID

O00470

Chromosome Location

2p14

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Pathway	Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;
Function	protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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