

Recombinant Human HOXA10 Protein, GST-tagged

Cat. No. HOXA10-4939H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HOXA10 full-length ORF (ABM86018.1, 1 a.a. - 393 a.a.) recombinant protein with GST tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor that may regulate gene expression, morphogenesis, and differentiation. More specifically, it may function in fertility, embryo viability, and regulation of hematopoietic lineage commitment. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]
Molecular Mass	69.63 kDa
AA Sequence	MSCSESPAANSFLVDSLISGRGEAGGGGGGAGGGGGGGYYAHGGVYLPPAADL PYGLQSCGLFPTLGGKRNEAASPGSGGGGGGLGPGAHGYPSPIDLWLDAPRSC RMEPPDGPPPPPQQQPPPPPQPPQPAPQATSCSFAQNIKEESSYCLYDSADKCPK VSATAAELAPFPRGPPPDGCALGTSSGVPVPGYFRLSQAYGTAKGYGSGGGGAQQ LGAGPFPAQPPGRGFDLPPALASGSADAARKERALDSPPPPTLACGSGGGGSQGDE EAHASSSAAEELSPAPSESSKASPEKDSLGNKGENAANWLTAKSGRKKRCPYTKH

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	QTLELEKEFLFNMYLTRERRLEISRSVHLTDRQVKIWFQNRRMKLKKMNRENRIREL TANFNFS
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 -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	HOXA10 homeobox A10 [Homo sapiens]
Official Symbol	HOXA10
Synonyms	HOXA10; homeobox A10; homeo box A10 , HOX1, HOX1H; homeobox protein Hox-A10; homeo box A10; homeobox protein 1H; homeobox protein HOXA10; homeobox protein Hox-1H; homeobox protein Hox-1.8; PL; HOX1; HOX1H; HOX1.8; MGC12859;
Gene ID	3206
mRNA Refseq	NM_018951
Protein Refseq	NP_061824

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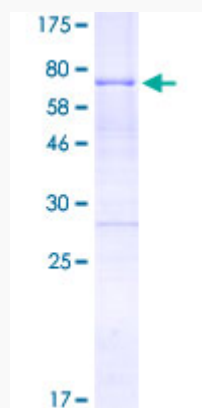
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MIM 142957

UniProt ID P31260

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue

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