

Recombinant Full Length Human HOXA10 Protein, GST-tagged

Cat. No. HOXA10-3707HF **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	In Vitro Cell Free System
ProteinLength	393 amino acids
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 VSATAAELAPFPRGPPPDGCALGTSSGVVPVPGYFRLSQAYGTAKGYGSGGGGAQQ LGAGPFPAQPGRGFDLPPALASGSADAARKERALDSPPPPTLACGSGGGGSQGD

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EAHASSSAAEELSPAPSESSKASPEKDSLGNKGENAANWLTAKSGRKKRCPYTKH
QTLELEKEFLFNMYLTRERRLEISRSVHLTDRQVKIWFQNRMRMKLKKMNRENRIEL
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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MIM	142957
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UniProt ID	P31260
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