

Recombinant Full Length Human HOXA11 Protein, GST-tagged

Cat. No. HOXA11-3709HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HOXA11 full-length ORF (NP_005514.1, 1 a.a. - 313 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	313 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 which may regulate gene expression, morphogenesis, and differentiation. This gene is involved in the regulation of uterine development and is required for female fertility. Mutations in this gene can cause radio-ulnar synostosis with amegakaryocytic thrombocytopenia. [provided by RefSeq
Molecular Mass	60.9 kDa
AA Sequence	MDFDERGPCSSNMYLPSCITYYVSGPDFSSLPSFLPQTPSSRPMTYSYSSNLPQVQ PVREVTFREYAIEPATKWHPRGNLAHCYSAEELVHRDCLQAPSAAGVPGDVLAKSS ANVYHHPTPAVSSNFYSTVGRNGVLPQAFDQFFETAYGTPENLASSDYPGDKSAEK GPPAATATSAAAAAATGAPATSSSDSGGGGGCRETAAAAEEKERRRRPESSSSP ESSSGHTEDKAGGSSGQRTRKKRCPYTKYQIRELEREFFFSVYINKEKRLQLSRML

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NLTDRQVKIWFQNRMMKEKKINRDRLQYYSANPLL

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

[HOXA11 homeobox A11 \[Homo sapiens \]](#)

Official Symbol

[HOXA11](#)

Synonyms

HOXA11; homeobox A11; homeo box A11 , HOX1, HOX1l; homeobox protein Hox-A11; homeo box 1l; homeobox protein HOXA11; homeobox protein Hox-1l; HOX1; HOX1l;

Gene ID

[3207](#)

mRNA Refseq

[NM_005523](#)

Protein Refseq

[NP_005514](#)

MIM

[142958](#)

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