Recombinant Human HOXA11 Protein, GST-tagged

Cat. No. HOXA11-4940H **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	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 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	MDFDERGPCSSNMYLPSCTYYVSGPDFSSLPSFLPQTPSSRPMTYSYSSNLPQVQ PVREVTFREYAIEPATKWHPRGNLAHCYSAEELVHRDCLQAPSAAGVPGDVLAKSS ANVYHHPTPAVSSNFYSTVGRNGVLPQAFDQFFETAYGTPENLASSDYPGDKSAEK GPPAATATSAAAAAAATGAPATSSSDSGGGGGCRETAAAAEEKERRRRPESSSSP ESSSGHTEDKAGGSSGQRTRKKRCPYTKYQIRELEREFFFSVYINKEKRLQLSRML NLTDRQVKIWFQNRRMKEKKINRDRLQYYSANPLL

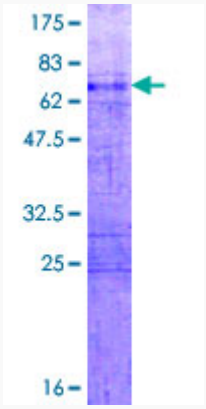
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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, HOX1I; homeobox protein Hox-A11; homeo box 1I; homeobox protein HOXA11; homeobox protein Hox-1I; HOX1; HOX1I;
Gene ID	3207
mRNA Refseq	NM_005523
Protein Refseq	NP_005514
MIM	142958
UniProt ID	P31270

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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