Recombinant Human HOXA11 Protein, GST-HIS-tagged

Cat. No. HOXA11-095H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HOXA11 fused with N-terminall GST and C-terminall His was expressed in E. coli.
Species	Human
Source	E.coli
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.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	60.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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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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