

Recombinant Full Length Human HOXA7 Protein, GST-tagged

Cat. No. HOXA7-3713HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HOXA7 full-length ORF (NP_008827.2, 1 a.a. - 230 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	230 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. For example, the encoded protein represses the transcription of differentiation-specific genes during keratinocyte proliferation, but this repression is then overcome by differentiation signals. This gene is highly similar to the antennapedia (Antp) gene of Drosophila. [provided by RefSeq]
Molecular Mass	51.8 kDa
AA Sequence	MSSSYVYNALFSKYTAGASLQNAEPTSCSFAPNSQSRSGYGAGAGAFASVPGLYN VNSPLYQSPFASGYGLGADAYGNLPCASYDQNIPLGCLSLAKGACDKTDEGALHGA AEANFRIYPWMRSSGPDRKRGRQTYTRYQTLELEKEFHFNRYLTRRRRIEIAHALCL TERQIKIWFQNRMRKWKKEHKDEGPTAAAAPEGAVPSAAATAADKADEEDDDEE

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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	HOXA7 homeobox A7 [Homo sapiens]
Official Symbol	HOXA7
Synonyms	HOXA7; homeobox A7; homeo box A7 , HOX1, HOX1A; homeobox protein Hox-A7; homeo box A7; homeobox protein HOX-1A; homeobox protein Hox 1.1; ANTP; HOX1; HOX1A; HOX1.1;
Gene ID	3204
mRNA Refseq	NM_006896
Protein Refseq	NP_008827
MIM	142950

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