

Recombinant Human HOXA6, GST-tagged

Cat. No. HOXA6-13892H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human HOXA6 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

Species Human

Source E.coli

ProteinLength 1-233a.a.

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.

Storage The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name HOXA6 homeobox A6 [Homo sapiens]

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Official Symbol	HOXA6
Synonyms	HOXA6; homeobox A6; homeo box A6 , HOX1, HOX1B; homeobox protein Hox-A6; homeo box 1B; homeo box A6; homeobox protein HOXA6; homeobox protein Hox-1B; HOX1; HOX1B; HOX1.2;
Gene ID	3203
mRNA Refseq	NM_024014
Protein Refseq	NP_076919
MIM	142951
UniProt ID	P31267
Chromosome Location	7p15.2
Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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