

Recombinant Full Length Human HOXA5 Protein, GST-tagged

Cat. No. HOXA5-3711HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HOXA5 full-length ORF (NP_061975.2, 1 a.a. - 270 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	270 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. Methylation of this gene may result in the loss of its expression and, since the encoded protein upregulates the tumor suppressor p53, this protein may play an important role in tumorigenesis. [provided by RefSeq]
Molecular Mass	56.1 kDa
AA Sequence	MSSYFVNSFCGRYPNGPDYQLHNYGDHSSVSEQFRDSASMHSGRYGYGYNGMDL SVGRSGSGHFGSGERARSYAASASAAPAEPRYSQPATSTHSPQPDPLPCSAVAPS PGSDSHHGKNSLSNSSGASADAGSTHSSREGVGTASGAEEADAPASSEQASASQ EPSPAPPAQPQIYPWMRKLHISHDNIGGPEGKRARTAYTRYQTLELEKEFHFNRYLT RRRRIEIAHALCLSERQIKIWFQNRMRMKWKDNKLKSMMAAAGGAFRP

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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	HOXA5 homeobox A5 [Homo sapiens]
Official Symbol	HOXA5
Synonyms	HOXA5; homeobox A5; homeo box A5 , HOX1, HOX1C; homeobox protein Hox-A5; homeo box 1C; homeo box A5; homeobox protein HOXA5; homeobox protein Hox-1C; HOX1; HOX1C; HOX1.3; MGC9376;
Gene ID	3202
mRNA Refseq	NM_019102
Protein Refseq	NP_061975
MIM	142952
UniProt ID	P20719

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