

Recombinant Human HOXA2 Protein, GST-tagged

Cat. No. HOXA2-4943H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HOXA2 full-length ORF (BAG53357.1, 1 a.a. - 248 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. The encoded protein may be involved in the placement of hindbrain segments in the proper location along the anterior-posterior axis during development. [provided by RefSeq]
Molecular Mass	52.4 kDa
AA Sequence	MNYEFEREIGFINSQPSLAECSTFPPVADTFQSSSIKTSTLSHSTLIPPPFEQTIPSLN PGSHPRHGAGGRPKPSPAGSRGSPVPAGALQPPEYPWMKEKKAACKTALLPAAAA AATAAATGPACLSHKGQSKDLAPGLWDPLPSPGCPESGCRGRGEWAGREGGE MLGCLVPAPVGSVGLMERKGDPALYNETYIFLGSGGKLSRTCVMWDDLFESELTS SCLVVLEFGFLTVMKSDRSLLLS
Applications	Enzyme-linked Immunoabsorbent Assay

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	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	HOXA2 homeobox A2 [Homo sapiens (human)]
Official Symbol	HOXA2
Synonyms	HOXA2; homeobox A2; HOX1K; MCOHI; homeobox protein Hox-A2; homeobox protein Hox-1K
Gene ID	3199
mRNA Refseq	NM_006735
Protein Refseq	NP_006726
MIM	604685
UniProt ID	O43364

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