

Recombinant Full Length Human HOXA2 Protein, GST-tagged

Cat. No. HOXA2-3710HF **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	In Vitro Cell Free System
ProteinLength	248 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. 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	MNYEFEREIGFINSQPSLAECCLTSFPPVADTFQSSSIKTSTLSHSTLIPPPFEQTIPSLN PGSHPRHGAGGRPKPSPAGSRGSPVPAGALQPPEYPWMKEKKAACKTALLPAAAA AATAAATGPACLSHGKQSKDLAPGLWDPLPSPGCPESGCRGRGEWAGREGGE MLGCLVPAPVGSVGLMERKGDPALYNETYIFLGSGGKLSRTCVMWDDLFESELTS SCLVVLEFGFLTVMKSDRSLLLS

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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	HOXA2 homeobox A2 [Homo sapiens (human)]
Official Symbol	HOXA2
Synonyms	HOXA2; homeobox A2; HOX1K; MCOH1; 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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