

Recombinant Full Length Human HOXC6 Protein

Cat. No. HOXC6-239HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human HoxC6 with N terminal proprietary tag; Predicted MW 51.92 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	235 amino acids
Description	This gene belongs to the homeobox family, members of which encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene, HOXC6, is one of several HOXC genes located in a cluster on chromosome 12. Three genes, HOXC5, HOXC4 and HOXC6, share a 5 non-coding exon. Transcripts may include the shared exon spliced to the gene-specific exons, or they may include only the gene-specific exons. Alternatively spliced transcript variants encoding different isoforms have been identified for HOXC6. Transcript variant two includes the shared exon, and transcript variant one includes only gene-specific exons.
Form	Liquid
Molecular Mass	51.920kDa inclusive of tags

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AA Sequence	MNSYFTNP SLSCHLAGGQDVLPNVALNSTAYDPVRHFSTY GAAVAQNRIYSTPFYS PQENVVFSSSRGPYDYG SNSFYQE KDMLSNCRQNTLGHNTQTSIAQDFSSEQGRT APQDQKASI QIYPWMQRMNSHSGVGYGADRRRGRQIYSRYQTLELEKEF HFNRYL TRRRRIEIANALCLTERQIKIWFQNR RMKWKKE NLTSTLSGGGGGATADSLGGKE EKREETEEEEKQKE
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.
GENE INFORMATION	
Gene Name	HOXC6 homeobox C6 [Homo sapiens]
Official Symbol	HOXC6
Synonyms	HOXC6; homeobox C6; homeo box C6 , HOX3, HOX3C; homeobox protein Hox-C6
Gene ID	3223
mRNA Refseq	NM_004503
Protein Refseq	NP_004494
MIM	142972
UniProt ID	P09630

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