

Recombinant Human HOXC6 Protein, HIS-tagged

Cat. No. HOXC6-094H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HOXC6 fused with His tag at N-termina was expressed in E. coli.
Species	Human
Source	E.coli
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	50mM Tris, 8M Urea, pH8.0.
Molecular Mass	17.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

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; homeo box 3C; homeo box C6; homeo box C8 protein; homeobox protein CP25; homeobox protein HHO.C8; homeobox protein Hox-3C; CP25; HOX3; HOX3C; HHO.C8;

Gene ID 3223

mRNA Refseq NM_004503

Protein Refseq NP_004494

MIM 142972

UniProt ID P09630

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