# Recombinant Human HOXC10, GST-tagged

**Cat. No.** HOXC10-13902H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human HOXC10 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 1-342a.a. |
| **Description** | This gene belongs to the homeobox family of genes. The homeobox genes 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 is one of several homeobox HOXC genes located in a cluster on chromosome 12. The protein level is controlled during cell differentiation and proliferation, which may indicate this protein has a role in origin activation. |
| **Storage** | The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles. |
| **Storage Buffer** | 1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100,15%glycerol. |

## GENE INFORMATION

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| **Gene Name** | HOXC10 homeobox C10 [ Homo sapiens ] |
| **Official Symbol** | HOXC10 |
| **Synonyms** | HOXC10; homeobox C10; homeo box C10 , HOX3I; homeobox protein Hox-C10; homeo box C10; homeoprotein C10; homeobox protein Hox-3I; HOX3I; MGC5259; |
| **Gene ID** | 3226 |
| **mRNA Refseq** | NM_017409 |
| **Protein Refseq** | NP_059105 |
| **MIM** | 605560 |
| **UniProt ID** | Q9NYD6 |
| **Chromosome Location** | 12q13.13 |
| **Function** | sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; |

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