

Recombinant Human HOXC10, GST-tagged

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

SPECIFICATION

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°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 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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