

Recombinant Full Length Human HOXC10 Protein, GST-tagged

Cat. No. HOXC10-3723HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HOXC10 full-length ORF (ADZ15891.1, 1 a.a. - 342 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	342 amino acids
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. [provided by RefSeq
Molecular Mass	37.7 kDa
AA Sequence	MTCPRNVTPNSYAEPLAAPGGGERYSRSAGMYMQSGSDFNCGVMRGCGLAPSLSKRDEGSSPSLALNTYPSYLSQLDSWGDPAAYRLEQPVGRPLSSCSYPPSVKEENVCCMYSAEKRAKSGPEAALYSHPLPESCLGEHEVPVPSYYRASPSYSALDKTPHCSGANDFEAPFEQRASLNPRAEHLESPQLGGKVSFPETPKSDSQTPSPNEIKTEQSLAGPKGSPSESEKERAKAADSSPDTSDNEAKEEIKAEENTTGNWLTAKSGRKKRCPYTKH

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	QTLELEKEFLFNMYLTRERRLEISKTNLTDRQVKIWFQNRRMKLKKMNRENRIRELT SNFNFT
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	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

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UniProt ID

Q9NYD6

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