Recombinant Full Length Human HOXC8 Protein, GST-tagged

Cat. No. HOXC8-3729HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HOXC8 full-length ORF (NP_073149.1, 1 a.a. - 242 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	242 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 product of this gene may play a role in the regulation of cartilage differentiation. It could also be involved in chondrodysplasias or other cartilage disorders. [provided by RefSeq
Molecular Mass	54.2 kDa
AA Sequence	MSSYFVNPLFSKYKAGESLEPAYYDCRFPQSVGRSHALVYGPGGSAPGFQHASHH VQDFFHHGTSGISNSGYQQNPCSLSCHGDASKFYGYEALPRQSLYGAQQEASVVQ YPDCKSSANTNSSEGQGHLNQNSSPSLMFPWMRPHAPGRRSGRQTYSRYQTLEL EKEFLFNPYLTRKRRIEVSHALGLTERQVKIWFQNRRMKWKKENNKDKLPGARDEE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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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	HOXC8 homeobox C8 [Homo sapiens]
Official Symbol	HOXC8
Synonyms	HOXC8; homeobox C8; homeo box C8 , HOX3, HOX3A; homeobox protein Hox-C8; homeo box 3A; homeo box C8; homeobox protein Hox-3A; Hox-3.1, mouse, homolog of; HOX3; HOX3A;
Gene ID	3224
mRNA Refseq	NM_022658
Protein Refseq	NP_073149
MIM	142970

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UniProt ID	P31273

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