

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	MSSYFVNPLFSKYKAGESLEPAYYDCRFPQSVGRSHALVYGPGGSSAPGFQHASHH VQDFFHHGTSGISNSGYQQNPCSLSCHGDASKFYGYEALPRQSLYGAQQEASVVQ YPDCKSSANTNSSEGQGHLNQNSSPSLMFPWMRPHAPGRRSGRQTYSRYQTLEL EKEFLFNPYLTRKRRIEVSHALGLTERQVKIWFQNRRMKWKKENNKDKLPGARDEE

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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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