

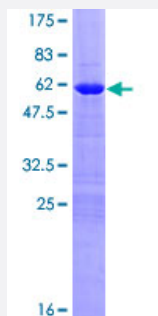
Full-Length

# HOXC8 (Human) Recombinant Protein (P01)

Catalog # H00003224-P01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human HOXC8 full-length ORF ( NP_073149.1, 1 a.a. - 242 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MSSYFVNPLFSKYKAGESLEPAYYDCRFPQSVGRSHALVYGPGGAPGFQHASHHVQDFFHHG TSGISNSGYQQNPCSLSCHGDASKFYGYEALPRQSLYGAQQEASVVQYDCKSSANTNSSEGQ GHLNQNSSPSLMFPWMRPHAPGRRSGRQTYSRYQTLELEKEFLFNPYLTRKRRIEVSHALGLTER QVKIWFQNRMRMKWKKENNKDKLPGARDEEEKVEEEGNEEEEKEEEEKEENKD
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	54.2
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — HOXC8

Entrez GeneID [3224](#)

GeneBank Accession# [NM\\_022658.3](#)

Protein Accession# [NP\\_073149.1](#)

Gene Name HOXC8

Gene Alias HOX3, HOX3A

Gene Description homeobox C8

Omim ID [142970](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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]

**Other Designations** Hox-3.1, mouse, homolog of homeobox 3A/homeobox C8/homeobox protein Hox-C8