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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

HOXC5 (Human) Recombinant Protein (P01)

Catalog Number: H00003222-P01

Regulation Status: For research use only (RUO)

Product Description: Human HOXC5 full-length ORF (NP_061826.1, 1 a.a. - 222 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSSYVANSFYKQSPNIPAYNMQTCGNYGSASEVQAS
RYCYGGLDLSITFPPPAPSNLHGVDMAANPRAHPDR
PACSAAAPGHAPGRDEAAPLNPGMYSQKAARPALE
ERAKSSGEIKEEQAGTQGPAGLSQPPAPPQIYPWMTK
LHSHETDGKRSRTSYTRYQTLELEKEFHFNRYLTRR
RRIEIANNLCLNERQIKIWFQNRMRMKWKKDSKMKSK
AL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 51.4

Interspecies Antigen Sequence: Mouse (99); Rat (99)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3222

Gene Symbol: HOXC5

Gene Alias: CP11, HOX3, HOX3D

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, HOXC5, is one of several homeobox HOXC genes located in a cluster on chromosome 12. Three genes, HOXC5, HOXC4 and HOXC6, share a 5' non-coding exon. Transcripts may include the shared exon spliced to the gene-specific exons, or they may include only the gene-specific exons. Two alternatively spliced variants have been described for HOXC5. The transcript variant which includes the shared exon apparently doesn't encode a protein. The protein-coding transcript variant contains gene-specific exons only. [provided by RefSeq]