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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

HOXD3 (Human) Recombinant Protein (P01)

Catalog Number: H00003232-P01

Regulation Status: For research use only (RUO)

Product Description: Human HOXD3 full-length ORF (NP_008829.3, 1 a.a. - 432 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLFEQQQALELPECTMQKAAYYENPGLFGGYGYSK
TTDTYGYSTPHQPYPYPPAAASSLDTDYPGSACSIQSS
APLRAPAHKGAELNGSCMRPGTGNSQGGGGGSQPP
GLNSEQQPPQPPPPPTLPPSSPTNPGGGVPAKKPK
GGPNASSSSATISKQIFPWMKESRQNSKQKNSCATAG
ESCEDKSPPGPASKRVRTAYTSAQLVELEKEFHFNRY
LCRRRVEMANLLNLTERQIKIWFQNRMYKQKDKQA
KGLHSPASQSPERSPPLGGAAGHVAYSQQLPPVPG
AYDAPSPPAFAKSQPNMYGLAAYTAPLSSCLPQQKRY
AAPEFEPHPMASNGGGFASANLQGSPVYVGGNFVES
MAPASGPVFNLGHLSPSSASVDYSCAAQIPGNHHH
GPCDPHPTYTDLSAHHSSQGRLPEAPKLTHL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 72.1

Interspecies Antigen Sequence: Mouse (94); Rat (97)

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: 3232

Gene Symbol: HOXD3

Gene Alias: HOX1D, HOX4, HOX4A, Hox-4.1, MGC10470

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, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXD genes located at 2q31-2q37 chromosome regions. Deletions that removed the entire HOXD gene cluster or 5' end of this cluster have been associated with severe limb and genital abnormalities. The protein encoded by this gene may play a role in the regulation of cell adhesion processes. [provided by RefSeq]