

Recombinant Full Length Human HOXD1 Protein, GST-tagged

Cat. No. HOXD1-3731HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HOXD1 full-length ORF (AAH14477.1, 1 a.a. - 328 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	328 amino acids
Description	This gene is a member of the Antp homeobox family and encodes a protein with a homeobox DNA-binding domain. This nuclear protein functions as a sequence-specific transcription factor that is involved in differentiation and limb development. Mutations in this gene have been associated with severe developmental defects on the anterior-posterior (a-p) limb axis. [provided by RefSeq
Molecular Mass	60.5 kDa
AA Sequence	MSSYLEYVSCSSSGGVGGDVLSLAPKFCRSDARPVALQPAFPLGNGDGAFVSCPLPL AAARPSPPPAAPARPSVPPPAAPQYAQCTLEGAYEPGAAPAAAAGGADYGFLGS GPAYDFPGVLGRAADDGGSHVHYATSAVFSGGGSFLLSGQVDYAAFGEPPGPFSA LKASADGHPGAFQTASPAPGTYPKSVSPASGLPAAFSTFEWMKVKRNASKKGKLAE YGAASPSSAIRTNFSTKQLTELEKEFHFNKYLTRARRIEIANCLHLNDTQVKIWFQNR RMKQKKREREGLLATAIPVAPLQLPLSGTTPTKFIKNPGSPSQSQEPS
Applications	Enzyme-linked Immunoabsorbent Assay

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	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	HOXD1 homeobox D1 [Homo sapiens]
Official Symbol	HOXD1
Synonyms	HOXD1; homeobox D1; homeo box D1 , HOX4, HOX4G; homeobox protein Hox-D1; homeo box 4G; homeo box D1; homeobox protein Hox-GG; HOX4; HOX4G; Hox-4.7;
Gene ID	3231
mRNA Refseq	NM_024501
Protein Refseq	NP_078777
MIM	142987
UniProt ID	Q9GZZ0

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