

Recombinant Human HOXD13 cell lysate

Cat. No. HOXD13-813HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
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, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXD genes located in a cluster on chromosome 2. Deletions that remove the entire HOXD gene cluster or the 5 end of this cluster have been associated with severe limb and genital abnormalities. Mutations in this particular gene cause synpolydactyly.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	HOXD13 homeobox D13 [Homo sapiens]
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Official Symbol	HOXD13
Synonyms	BDE; SPD; BDSD; HOX4I; homeobox protein Hox-D13; homeo box 4I; homeo box D13; homeobox protein Hox-4I
Gene ID	3239
mRNA Refseq	NM_000523
Protein Refseq	NP_000514
MIM	142989
UniProt ID	P35453
Chromosome Location	2q31.1
Function	DNA binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity