

Recombinant Human HOXB1 cell lysate

Cat. No. HOXB1-810HCL Lot. No. (See product label)

SPECIFICATION

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 HOXB genes located in a cluster on chromosome 17.
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	HOXB1 homeobox B1 [Homo sapiens]
Official Symbol	HOXB1
Synonyms	HOXB1; homeobox B1; homeo box B1 , HOX2, HOX2I; homeobox protein Hox-B1; homeo box 2I; homeo box B1; homeobox protein Hox-2I; HOX2; HOX2I; Hox-2.9; MGC116843; MGC116844; MGC116845;

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Gene ID	3211
mRNA Refseq	NM_002144
Protein Refseq	NP_002135
MIM	142968
UniProt ID	P14653
Chromosome Location	17q21.32
Function	DNA binding; protein domain specific binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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