

## Recombinant Human PITX1 cell lysate

Cat. No. PITX1-1358HCL Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	This gene encodes a member of the RIEG/PITX homeobox family, which is in the bicoid class of homeodomain proteins. Members of this family are involved in organ development and left-right asymmetry. This protein acts as a transcriptional regulator involved in basal and hormone-regulated activity of prolactin.
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	PITX1 paired-like homeodomain 1 [ Homo sapiens ]
<b>Official Symbol</b>	PITX1
<b>Synonyms</b>	PITX1; paired-like homeodomain 1; BFT, paired like homeodomain transcription factor 1; pituitary homeobox 1; POTX; PTX1; pituitary homeo box 1; homeobox protein PITX1; pituitary otx-related factor; hindlimb expressed homeobox protein backfoot; hindlimb-expressed homeobox protein backfoot; paired-like homeodomain transcription factor 1; BFT; CCF;

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<b>Gene ID</b>	5307
<b>mRNA Refseq</b>	NM_002653
<b>Protein Refseq</b>	NP_002644
<b>MIM</b>	602149
<b>UniProt ID</b>	P78337
<b>Chromosome Location</b>	5q31.1
<b>Function</b>	protein binding transcription factor activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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