

Recombinant Full Length Human PITX1 Protein

Cat. No. PITX1-372HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PITX1 with N terminal proprietary tag; Predicted MW 60.61kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	314 amino acids
Description	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.
Form	Liquid
Molecular Mass	60.610kDa inclusive of tags
AA Sequence	MDAFKGGMSLERLPEGLRPPPPPHDMGPAFHLARPADPR EPLENSASESSDTEL PEKERGGEPKGPEDSGAGGTGCGGA DDPAKKKKQRRQRTHTFSQQLQELEATFQ RNRYPDMSMRE EIAVWTNLTEPRVRVWFKNRRAKWRKRERNQQLDLCKGGY VP QFSGLVQPYEDVYAAGYSYNNWAAKSLAPAPLSTKSFT FFNSMSPLSSQSMFSAP SSISSMTMPSSMGPAGVPGMPNS GLNNINNLTGSSLNSAMSPGACPYGTPASPYS VYRDTCNS SLASRLKSKQHSSFGYGALQGPASGLNACQYNS

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Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	PITX1 paired-like homeodomain 1 [Homo sapiens]
Official Symbol	PITX1
Synonyms	PITX1; paired-like homeodomain 1; BFT, paired like homeodomain transcription factor 1; pituitary homeobox 1; POTX; PTX1
Gene ID	5307
mRNA Refseq	NM_002653
Protein Refseq	NP_002644
MIM	602149
UniProt ID	P78337

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