

## Recombinant Mouse Pbx1 Protein, Myc/DDK-tagged

Cat. No. Pbx1-4692M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length pre B-cell leukemia transcription factor 1 (cDNA clone MGC:7546 IMAGE:3492658), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a homeobox protein that belongs to the three-amino-acid loop extension/Pre-B cell leukemia transcription factor (TALE/PBX) family of proteins. The encoded protein is involved in several biological processes during embryogenesis including steroidogenesis, sexual development and the maintenance of hematopoietic stem cells. This protein functions in the development of several organ systems and plays a role in skeletal patterning and programming. Alternative splicing results in multiple transcript variants.
<b>Molecular Mass</b>	27 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.

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**Concentration** >50 µg/mL as determined by microplate BCA method

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** Pbx1 pre B cell leukemia homeobox 1 [ *Mus musculus* (house mouse) ]

**Official Symbol** Pbx1

**Synonyms** Pbx1; pre B cell leukemia homeobox 1; Pbx; Pbx-; Pbx-1; 2310056B04Rik; D230003C07Rik; pre-B-cell leukemia transcription factor 1; homeobox protein PBX1

**Gene ID** 18514

**mRNA Refseq** NM\_008783

**Protein Refseq** NP\_032809

**UniProt ID** P41778

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