

Recombinant Mouse Pbx1 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	27 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration	>50 µg/mL as determined by microplate BCA method
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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
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GENE INFORMATION

Gene Name	Pbx1 pre B cell leukemia homeobox 1 [Mus musculus (house mouse)]
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Official Symbol	Pbx1
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Synonyms	Pbx1; pre B cell leukemia homeobox 1; Pbx; Pbx-; Pbx-1; 2310056B04Rik; D230003C07Rik; pre-B-cell leukemia transcription factor 1; homeobox protein PBX1
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Gene ID	18514
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mRNA Refseq	NM_008783
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Protein Refseq	NP_032809
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UniProt ID	P41778
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