Recombinant Human PBX2 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. PBX2-113H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PBX2 MS Standard C13 and N15-labeled recombinant protein (NP_002577) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a ubiquitously expressed member of the TALE/PBX homeobox family. It was identified by its similarity to a homeobox gene which is involved in t(1;19) translocation in acute pre-B-cell leukemias. This protein is a transcriptional activator which binds to the TLX1 promoter. The gene is located within the major histocompatibility complex (MHC) on chromosome 6.
Molecular Mass	45.7 kDa
AA Sequence	MDERLLGPPPPGGGRGGLGLVSGEPGGPGEPPGGGDPGGGSGGVPGGRGKQDI GDILQQIMTITDQSLDEAQAKKHALNCHRMKPALFSVLCEIKEKTGLSIRSSQEEEPV DPQLMRLDNMLLAEGVAGPEKGGGSAAAAAAAAASGGGVSPDNSIEHSDYRSKLA QIRHIYHSELEKYEQACNEFTTHVMNLLREQSRTRPVAPKEMERMVSIIHRKFSAIQM QLKQSTCEAVMILRSRFLDARRKRRNFSKQATEVLNEYFYSHLSNPYPSEEAKEELA KKCGITVSQVSNWFGNKRIRYKKNIGKFQEEANIYAVKTAVSVTQGGHSRTSSPTPP SSAGSGGSFNLSGSGDMFLGMPGLNGDSYSASQVESLRHSMGPGGYGDNLGGG QMYSPREMRANGSWQEAVTPSSVTSPTEGPGSVHSDTSNTRTRPLEQKLISEEDL

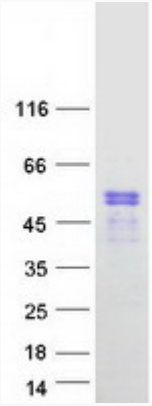
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PBX2 PBX homeobox 2 [Homo sapiens (human)]
Official Symbol	PBX2
Synonyms	PBX2; PBX homeobox 2; G17; HOX12; PBX2MHC; pre-B-cell leukemia transcription factor 2; XXbac-BPG300A18.13; homeobox 12; homeobox protein PBX2; pre-B-cell leukemia homeobox 2
Gene ID	5089
mRNA Refseq	NM_002586
Protein Refseq	NP_002577
MIM	176311

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UniProt ID	P40425
SDS-PAGE	

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