

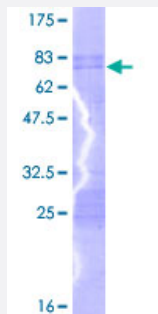
Full-Length

PBX2 (Human) Recombinant Protein (P01)

Catalog # H00005089-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PBX2 full-length ORF (NP_002577.2, 1 a.a. - 430 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDERLLGPPPPGGGRGGLGLVSGEPGGPGGEPPGGGDPGGGSGGVPGGRGKQDIGDILQQIMTIT
DQSLDEAQAKKHALNCHRMKPALFSVLCEIKEKTGLSIRSSQEEEPVDPQLMRLDNMLLAEGVA
GPEKGGGSAAAAAAAASGGGVSPDNSIEHSDYRSKLAQIRHIYHSELEKYEQACNEFTTHVMNL
LREQSRTRPVAPKEMERMVSIHRKFSAIQMQLKQSTCEAVMILRSRFLDARRKRRNFSKQATEVL
NEYFYSHLSNPYPSEEAKEELAKKCGITVSQVSNWFGNKRIRYKKNIGKFQEEANIVAVKTAVSVT
QGGHSRTSSPTPPSSAGSGGSFNLSGSGDMFLGMPGLNGDSYSASQVESLRHSMGPGGYGDN
LGGGQMYSPREMRANGSWQEAVTPSSVTSPTEGPGSVHSDTSN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

72.3

Interspecies Antigen Sequence

Mouse (98); Rat (98)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PBX2

Entrez GeneID	5089
GeneBank Accession#	NM_002586.3
Protein Accession#	NP_002577.2
Gene Name	PBX2
Gene Alias	G17, HOX12, PBX2MHC
Gene Description	pre-B-cell leukemia homeobox 2
Omim ID	176311
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000029151 homeobox 12 pre-B-cell leukemia transcription factor 2

Disease

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