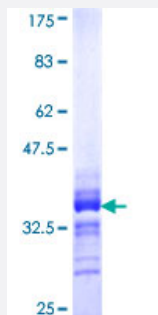


PBX2 (Human) Recombinant Protein (Q02)

Catalog # H00005089-Q02

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PBX2 partial ORF (NP_002577, 354 a.a. - 430 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DMFLGMPGLNGDSYSASQVESLRHSMGPGGYGDNLGGGQMYSPREMRANGSWQEAVTPSSV TSPTEGPGSVHSDTSN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.21
Interspecies Antigen Sequence	Mouse (92); Rat (92)
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
Protein Accession#	NP_002577
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

- [Abortion](#)
- [Cardiovascular Diseases](#)
- [Colitis](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)