

Full-Length

PREB (Human) Recombinant Protein (P01)

Catalog # H00010113-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PREB full-length ORF (AAH16472, 1 a.a. - 417 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGRRRAPELYRAPFPLYALQVDPSTGLLIAAGGGGAAGTGIKNGVHFLQLELINGRLSASLLHSHD
TETRATMNLALAGDILAAGQDAHCQLLRFQAHQQQGNKAEKAGSKEQGPRQRKGAAPAEKKCG
AETQHEGLELRVENLQAVQTDFFSDPLQKVVCFNHDNTLLATGGTDGYVRVWKVPSLEKVLFEK
AHEGEIEDLALGPDGKLVTVGRDLKASVWQKDQLVTQLHWQENGPTFSSTPYRYQACRFGQVP
DQPAGLRLFTVQIPHKRLRQPPCYLTAWDGSNFLPLRTKSCGHEVVSCLDVSESGTFLGLGTVT
GSVAMAFSLQCLYYVREAHGMVTDVAFLPEKGRGPELLGSHEALFSVAVD SRCQLHLLPSRR
SVPVWLLLLLCVGLIIVTILLQSAFPGFL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

71.61

Interspecies Antigen Sequence

Mouse (88); Rat (89)

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 — PREB

Entrez GeneID	10113
GeneBank Accession#	BC016472
Protein Accession#	AAH16472
Gene Name	PREB
Gene Alias	MGC3467, SEC12
Gene Description	prolactin regulatory element binding
Omim ID	606395
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that specifically binds to a Pit1-binding element of the prolactin (PRL) promoter. This protein may act as a transcriptional regulator and is thought to be involved in some of the developmental abnormalities observed in patients with partial trisomy 2p. This gene overlaps the abhydrolase domain containing 1 (ABHD1) gene on the opposite strand. [provided by RefSeq]
Other Designations	prolactin regulatory binding-element protein prolactin regulatory element binding protein

Disease

- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)