

Recombinant Human PREB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PREB-520H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PREB MS Standard C13 and N15-labeled recombinant protein (NP_037520) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	45.5 kDa
AA Sequence	MGRRRAPELYRAPFPLYALQVDPSTGLLIAAGGGGAAGTGIKNGVHFLQLELINGRL SASLLHSHDTETRATMNLALAGDILAAGQDAHCQLLRFQAHQQQGNKAEKAGSKEQ GPRQRKGAAPAEKKCGAETQHEGLELRVENLQAVQTDFFSDPLQKVVCFNHDNTL LATGGTDGYVRVWKVPSLEKVFKAHEGEIEDLALGPDGKLVTVGRDLKASVWQK DQLVTQLHWQENGPTFSSTPYRYQACRFGQVPDQPAGLRLFTVQIPHKRLRQPPP CYLTAWDGSNFLPLRTKSCGHEVVSCLDVSESGTFLGLGTVTGSAIYIAFSLQCLY YVREAHGIVVTDVAFLPEKGRGPELLGSHETALFSVAVDSRCQLHLLPSRRSVPVWL LLLLCVGLIIVTILLQSAFPGFLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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	PREB prolactin regulatory element binding [Homo sapiens (human)]
Official Symbol	PREB
Synonyms	PREB; prolactin regulatory element binding; prolactin regulatory element-binding protein; SEC12; prolactin regulatory binding-element protein; mammalian guanine nucleotide exchange factor mSec12; MGC3467;
Gene ID	10113
mRNA Refseq	NM_013388
Protein Refseq	NP_037520
MIM	606395
UniProt ID	Q9HCU5

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