

## Product datasheet for **TP308351**

### PREB (NM\_013388) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human prolactin regulatory element binding (PREB), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208351 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MGRRRAPELYRAPFPLYALQVDPSTGLLIAAGGGGAAKTGIKNGVHFLQLELINGRLSASLLHSHDTETR ATMNLALAGDILAAGQDAHCQLLRFAQHQQGNKAEKAGSKEQGPRQRKGAAPAEKKCGAETQHEGLELR VENLQAVQTDSSDPLQKVCFNHDNTLLATGGTDGYVRVWKVPSLEKVFLEKAHEGEIEDLALGPDGKL VTVGRDLKASVWQKDQLVTQLHWQENGPTFSSTPYRYQACRFGQVPDQPAGLRLFTVQIPHKRLRQPPPC YLTAWDGSNPLPLRTKSCGHEVVSCLDVSESGTFLGLGTVTGSVAIYIAFSLQCLYVYVREAHGIVVTDVA FLPEKGRGPELLGSHETALFSVAVDSRCQLHLLPSRRSVPVWLLLLLVCVGLIIVTILLQSAFPGFL</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	45.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_037520</a>
Locus ID:	10113



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UniProt ID: [Q9HCU5](#)

RefSeq Size: 2211

Cytogenetics: 2p23.3

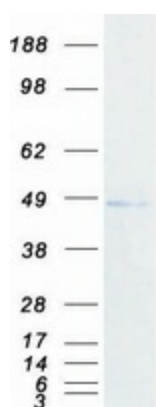
RefSeq ORF: 1251

Synonyms: SEC12

**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, Jul 2008]

**Protein Families:** Transcription Factors, Transmembrane

### Product images:



Coomassie blue staining of purified PREB protein (Cat# TP308351). The protein was produced from HEK293T cells transfected with PREB cDNA clone (Cat# [RC208351]) using MegaTran 2.0 (Cat# [TT210002]).