

Datasheet for ABIN7556287
PREB Protein (AA 1-417) (His tag)



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Overview

Quantity:	1 mg
Target:	PREB
Protein Characteristics:	AA 1-417
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PREB protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Preb Protein expressed in mammalian cells.
Sequence:	<p>MGRRRGVELY RAPFPLYALR IDPKTGLLIA AGGGGAAKTG IKNGVHFLQL ELINGCLSAS LLHSHDTETR ATMNLLALAGD ILAAGQDAQC QLLRFQVHQK KGSKAEKSGS KEQGPRQRKG APPAEKKSGA QVHPEGVELK VKNLEAVQTD FSNEPLQKVV CFNHDNTLLA TGGTDGHVRV WKVPSLEKVL EFKAHEGEIG DLTLPDGLK VTVGWDFKAS VWQKDQLVTQ LQWQENGPAS SNTPYRYQAC RFGQVPDQLG GLRLFTVQIP HKRLRQPPPC YLTAWDSSTF LPLRTRSCGH EVISCLSVSD SGTFLGLGTV TGSVAIYIAF SLQRLYYVKE AHGIVVTDVT FLPEKGCQPK LLGPHETALF SVAVDSRCQL HLLPSRRSVP VWLLLLLCVG LIIVTILLQ TAFPGFL Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

PREB

Alternative Name:

Preb ([PREB Products](#))

Background:

Prolactin regulatory element-binding protein (Mammalian guanine nucleotide exchange factor mSec12),FUNCTION: Guanine nucleotide exchange factor that specifically activates the small GTPase SAR1B. Mediates the recruitment of SAR1B and other COPII coat components to endoplasmic reticulum membranes and is therefore required for the formation of COPII transport vesicles from the ER. {ECO:0000269|PubMed:11422940}., FUNCTION: Was first identified based on its probable role in the regulation of pituitary gene transcription. Binds to the prolactin gene (PRL) promoter and seems to activate transcription. {ECO:0000250|UniProtKB:Q9WTV0}.

Molecular Weight:

45.4 kDa

UniProt:

[Q9WUQ2](#)

Pathways:

[ER-Nucleus Signaling](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
