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Datasheet for ABIN1659849  
**PUP Protein (AA 1-63) (His tag)**

### Overview

Quantity:	1 mg
Target:	PUP
Protein Characteristics:	AA 1-63
Origin:	Bifidobacterium adolescentis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PUP protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MPQKFEQM QS AEQKHDEDET IAQAGTQIDD TVDALDAVL DIESVLESNA EEYVGSFVQK GGE
Specificity:	Bifidobacterium adolescentis (strain ATCC 15703 / DSM 20083 / NCTC 11814 / E194a)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

### Target Details

Target:	PUP
Alternative Name:	Prokaryotic ubiquitin-like protein Pup (pup) ( <a href="#">PUP Products</a> )
Background:	Recommended name: Prokaryotic ubiquitin-like protein Pup.

## Target Details

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Alternative name(s): Bacterial ubiquitin-like modifier

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UniProt: [P0CG91](#)

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## Application Details

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**Comment:** The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Lyophilized

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**Concentration:** 0.2-2 mg/mL

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**Buffer:** Tris-based buffer, 50 % glycerol

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**Handling Advice:** Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

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**Storage:** -20 °C

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**Storage Comment:** Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

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