

# Recombinant human BAP18/C17orf49 protein

Catalog Number: ATGP1682

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-172aa

### UniProt No.

Q8IXM2

### NCBI Accession No.

NP\_777553

### Alternative Names

Chromatin complexes subunit BAP18, BAP18

## PRODUCT SPECIFICATION

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### Molecular Weight

20.3 kDa (195aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

### Purity

> 85% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

Chromatin complexes subunit BAP18 is component of chromatin complexes such as the MLL1/MLL and NuRF complexes. Recombinant human BAP18 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

### Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>MTSASTK VGEIFSAAGA AFTKLGELTM QLHPVADSSP AGAKWTETEI  
EMLRAAVKRF GDDLNHISCV IKERTVAQIK ATVKRKVYED SGIPLPAESP KKGPKKVASG VLSPPPAAPP PSSSSVPEAG

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GPPIKKQKAD VTLSALNDS D ANSDVVDIEG LGETPPAKKL NFDQA

## General References

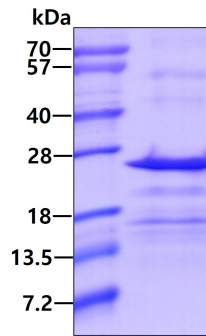
Beausoleil S.A., et al. (2006) Nat. Biotechnol. 24:1285-1292

Daub H., et al. (2008) Mol. Cell. 31:438-448

## DATA

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### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.