

Recombinant human RBBP9 protein

Catalog Number: ATGP1311

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-186aa

UniProt No.

O75884

NCBI Accession No.

NP_006597

Alternative Names

Retinoblastoma binding protein 9, BOG, RBBP10

PRODUCT SPECIFICATION

Molecular Weight

23.1 kDa (206aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 95% 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

Description

Retinoblastoma binding protein, also known as RBBP9, localizes to both the nucleus and the cytoplasm. RBBP9 is a retinoblastoma binding protein that may play a role in the regulation of cell proliferation and differentiation. Specifically, RBBP9 interacts with retinoblastoma (Rb) and provides cellular resistance to the growth-inhibitory effects of TGFbeta1, thus facilitating the cellular transformation process. Recombinant human RBBP9 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH> MASPSKAVIV PGNGGGDVTT HGWYGWVKKE LEKIPGFQCL AKNMPDPITA
RESIWLPFME TELHCDEKTI IIGHSSGAIA AMRYAETHRV YAIVLVSAYT SDLGDENERA SGYFTRPWQW EKIKANCPYI
VQFGSTDDPF LPWKEQQEVA DRLETKLHKF TDCGHFQNTF FHELITVVKS LLKVPA

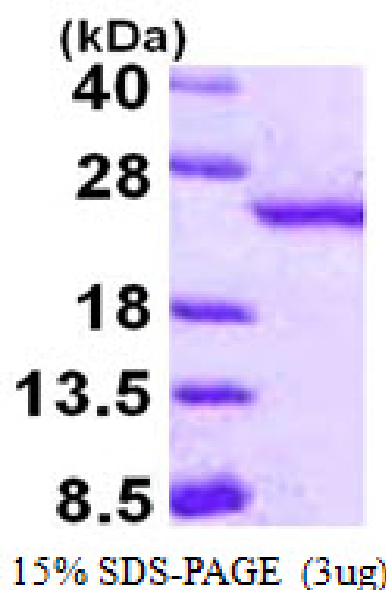
General References

Woitach J T., et al. (1998) Nat Genet. 19:371-374.

Woitach J T., et al. (1999) Cytogenet Cell Genet. 85:252-253.

DATA

SDS-PAGE



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