

# Recombinant human KLHDC8B protein

Catalog Number: ATGP2864

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-354aa

### UniProt No.

Q8IXV7

### NCBI Accession No.

NP\_775817

### Alternative Names

Kelch domain-containing protein 8B, FP17659, Kelch domain containing protein 8B, MGC35097

## PRODUCT SPECIFICATION

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### Molecular Weight

40.1 kDa (377aa)

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

### Purity

> 85% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE, Denatured

### 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

KLHDC8B forms a distinct beta-propeller protein structure of kelch domains allowing for protein-protein interactions. Mutations in KLHDC8B have been associated with Hodgkin lymphoma. Recombinant human KLHDC8B protein, fused to His-tag at N-terminus, was expressed in E. coli.

### Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>MSAGGGR AFAWQVFPPM PTCRVYGTVA HQDGHLLVLG GCGRAGLPLD  
TAETLDMASH TWLALAPLPT ARAGAAAVVL GKQVLVGGV DEVQSPVA AV EAFLMDEGRW ERRATLPQAA

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MGVATVERDG MYYALGGMGP DTAPQAQVRV YEPRRDCWLS LPSMPTPCYG ASTFLHGNKI YVLGGRQGKL PVTAFEAFDL  
EARTWTRHPS LPSRRAFAGC AMAEGSVFSL GGLQQPGPHN FYSRPHFVNT VEMFDLEHGS WTKLPRSLRM RDKRADFVVG  
SLGGHIVAIG GLGNQPCPLG SVESFSLARR RWEALPAMPT ARCSCSSLQA GPRLFVIGGV AQGPSQAVEA LCLRDGV

## General References

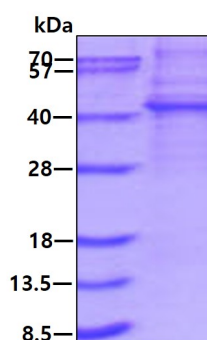
Wan D., et al (2004). Proc. Natl. Acad. Sci. u.S.A. 101:15724-15729

Salipante S.J., et al (2009). Proc. Natl. Acad. Sci. u.S.A. 106:14920-14925

## DATA

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### SDS-PAGE



3 $\mu$ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.