

# Recombinant human ERH protein

Catalog Number: IBATGP0932



## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-104aa

### UniProt No.

P84090

### NCBI Accession No.

NP\_004441

### Alternative Names

Enhancer of rudimentary homolog, DROER, FLJ27340

## PRODUCT SPECIFICATION

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### Molecular Weight

14.6 kDa (127aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by BCA assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% 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

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### Description

ERH, also known as enhancer of rudimentary homolog, is a ubiquitously expressed transcriptional coregulator that is highly conserved among eukaryotes. It may play a role in cell cycle regulation and pyrimidine biosynthesis. It has two casein kinase II phosphorylation sites that are thought to disrupt the ability of ERH to dimerize. Recombinant human ERH protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

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**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**

*Manufactured for:*

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## Amino acid Sequence

<MGSSHHHHH SSGLVPRGSH> MGSMSHTILL VQPTKRPEGR TYADYESVNE CMEGVCKMYE EHLKRMNPNS  
PSITYDISQL FDFIDDLADL SCLVYRADTQ TYQPYNKDWI KEKIYVLLRR QAQQAGK

## General References

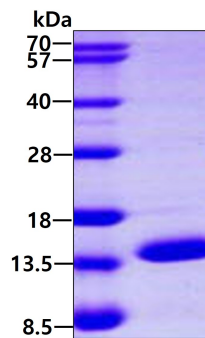
Pogge von Strandmann E., et al. (2001). Biol. Chem., 382: 1379-1385.

Wan C., et al. (2005). Biochemistry., 44: 5017-5023.

## DATA

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### SDS-PAGE



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

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