

Recombinant human ERH protein

Catalog Number: ATGP0932

PRODUCT INFORMATION

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

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

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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Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH> MGSMSTILL VQPTKRPEGR TYADYESVNE CMEGVCKMYE EHLKRMNPNS
PSITYDISQL FDFIDDLADL SCLVYRADTQ TYQPYNKDWI KEKIYVLLRR QAQQAGK

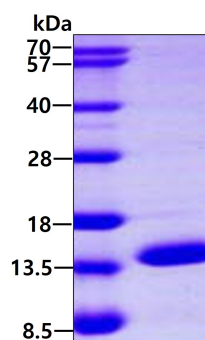
General References

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

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

DATA

SDS-PAGE



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