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

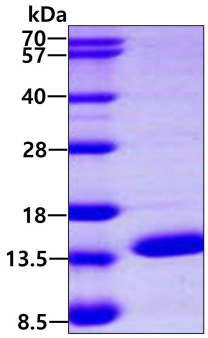
<MGSSHHHHHH SSGLVPRGSH> MGSMSHTILL VQPTKRPEGR TYADYESVNE CMEGVCKMYE EHLKRMNPNS PSITYDISQL FDFIDDLADL SCLVYRADTQ TYQPYNKDWI KEKIYVLLRR QAQQAGK

General References

Pogge von Strandmann E., et al. (2001). Biol. Chem., 382: 1379-1385.
Wan C., et al. (2005). Biochemistry., 44: 5017-5023.

DATA

SDS-PAGE



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