

**ERH, 1-104aa, Human, His tag, E.coli**

**Cat.NO.: TP02044**

3th Edition

**Synonyms:**Enhancer of rudimentary homolog, DROER, FLJ27340

**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.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl, 1mM DTT

**Molecular Weight:**14.6 kDa (127aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMSTILLVQPTKRPEGRTYADYESVNECMEGVCKMYEEHLKRMNPNSPSIT  
YDISQLFDFIDDLADLSCLVYRADTQTYQPYNKDWIKEIKIYVLLRRQAQQAGK

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.