

## ERH Human

**Description:**ERH Human Recombinant fused with a 23 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 127 amino acids (1-104 a.a.) and having a molecular mass of 14.6kDa. The ERH is purified by proprietary chromatographic techniques.

Catalog #:PRPS-128

For research use only.

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

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MGSMSTILL VQPTKRPEGR  
TYADYESVNE CMEGVCKMYE EHLKRMNPNS PSITYDISQL FDFIDDLADL SCLVYRADTQ  
TYQPYNKDWI KEKIYVLLRR QAQQAGK.

**Purity:**Greater than 95.0% as determined by SDS-PAGE.

### Formulation:

The ERH solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.

### Stability:

ERH should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

Enhancer of rudimentary homolog (ERH) is a ubiquitously expressed transcriptional coregulator which is highly conserved among eukaryotes. ERH may have a role in cell cycle regulation and pyrimidine biosynthesis. ERH has two casein kinase II phosphorylation sites which are thought to upset the ability of ERH to dimerize.

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