

Product datasheet

Recombinant Human Hsp47 protein ab86918

1 Image

Overview

<b>Product name</b>	Recombinant Human Hsp47 protein
<b>Protein length</b>	Full length protein

Description

<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli

Amino Acid Sequence

<b>Species</b>	Human
<b>Sequence</b>	<p><b>MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD</b>  <b>KDRWGS</b>HMAA EVKKPAAAAA PGTAEKLSPK  AATLAERSAG LAFSLYQAMA KDQAVENILV  SPVVVASSLG LVSLGGKATT ASQAKAVLSA  EQLRDEEVHA GLGELLRSLN NSTARNVTWK  LGSRLYGPSS VSFADDFVRS SKQHYNCEHS  KINFRDKRSA LQSINWAAQ TTDGKLPEVT  KDVERTDGAL LVNAMFFKPH WDEKFHHKMV  DNRGFMVTRS YTVGVMMHR TGLYNYDDE  KEKLQVEMP LAHKLSSLII LMPHHVEPLE  RLEKLLTKEQ LKIMMGKMQK KAVAILPKG  VVEVTHDLQK HLAGLGLTEA IDKNKADLSR  MSGKKDLYLA SVFHATAFEL DTDGNPFDQD  YGREELRSP KLFYADHPFI FLVRDTQSGS  LLFIGRLVRP KGDKMRDEL</p>

Specifications

Our [Abpromise guarantee](#) covers the use of **ab86918** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
<b>Purity</b>	> 90 % SDS-PAGE. ab86918 was purified using conventional chromatography techniques.
<b>Form</b>	Liquid

## Preparation and Storage

### Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Preservative: None

Constituents: 10% Glycerol, 20mM Tris HCl, pH 8.0

## General Info

### Function

Binds specifically to collagen. Could be involved as a chaperone in the biosynthetic pathway of collagen.

### Involvement in disease

Note=Defects in SERPINH1 may cause severe autosomal recessive osteogenesis imperfecta (OI). Osteogenesis imperfecta defines a group of connective tissue disorders characterized by bone fragility and low bone mass.

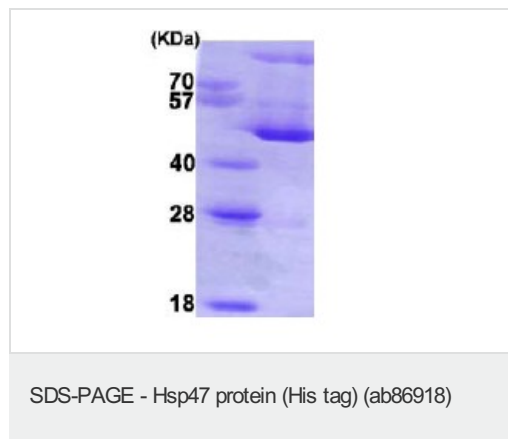
### Sequence similarities

Belongs to the serpin family.

### Cellular localization

Endoplasmic reticulum lumen.

## Images



15% SDS-PAGE analysis of 3µg ab86918

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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