

Product datasheet

Recombinant Human Hsp47 protein ab86918

1 Image

Overview

Product name	Recombinant Human Hsp47 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Species	Human
Sequence	<p>MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMAA EVKKPAAAAA PGTAEKLSPK AATLAERSAG LAFSLYQAMA KDQAVENILV SPVVVASSLG LVSLGGKATT ASQAKAVLSA EQLRDEEVHA GLGELLRSLN NSTARNVTWK LGSRLYGPSS VSFADDFVRS SKQHYNCEHS KINFRDKRSA LQSINEWAAQ 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.

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

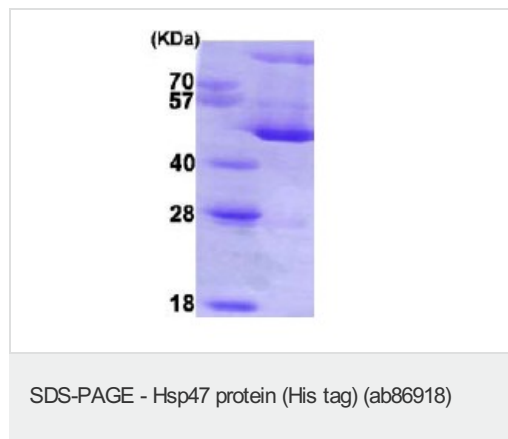
Sequence similarities

Belongs to the serpin family.

Cellular localization

Endoplasmic reticulum lumen.

Images



15% SDS-PAGE analysis of 3µg ab86918

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