

Product datasheet

Recombinant human WISP2 protein ab50040

1 References 1 Image

Overview

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**Product name** Recombinant human WISP2 protein  
**Protein length** Full length protein

Description

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**Nature** Recombinant  
**Source** Escherichia coli

Amino Acid Sequence

**Species** Human  
**Sequence** MQLCPTPCTC PWPPPRCPLG VPLVLDGCGC  
 CRVCARRLGE PCDQLHVCD A SQGLVCQPGA  
 GPGGRGALCL LAEDDSSCEV NGRLYREGET  
 FQPHCSIRCR CEDGGFTCVPLCSEDVRLPS  
 WDCPHPRRVE VLGKCCPEWV CGQGGGLGTQ  
 PLPAQGPQFS GLVSSLPPGV PCPEWSTAWG  
 PCSTTCGLGM ATRVSNQNRFCRLETQRRLC  
 LSRPCPPSRG RSPQNSAF

Specifications

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Our [Abpromise guarantee](#) covers the use of **ab50040** in the following tested applications.  
 The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** Western blot  
 SDS-PAGE  
 Functional Studies  
**Endotoxin level** < 0.100 Eu/µg  
**Purity** > 95 % SDS-PAGE.  
 Endotoxin level is less than 0.1 ng per µg (1EU/µg).  
**Form** Lyophilised

Preparation and Storage

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## Stability and Storage

Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C long term.

This product is an active protein and may elicit a biological response in vivo, handle with caution.

## Reconstitution

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml.

Note: Do not raise to neutral pH. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

## General Info

### Function

May play an important role in modulating bone turnover. Promotes the adhesion of osteoblast cells and inhibits the binding of fibrinogen to integrin receptors. In addition, inhibits osteocalcin production.

### Tissue specificity

Expressed in primary osteoblasts, fibroblasts, ovary, testes, and heart.

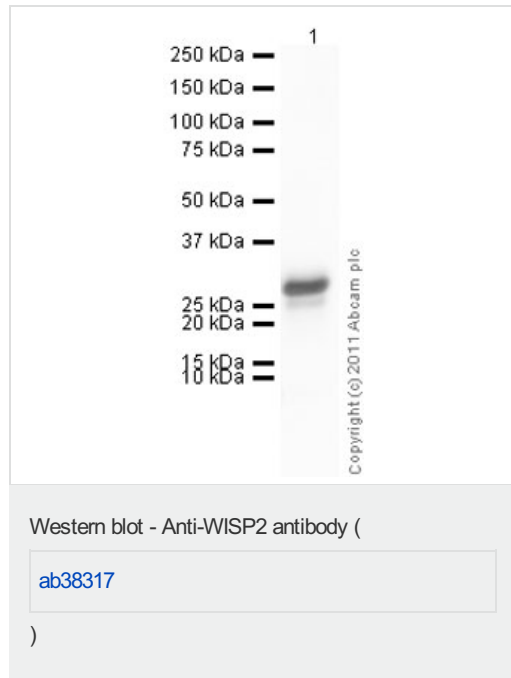
### Sequence similarities

Belongs to the CCN family.  
Contains 1 IGF1P N-terminal domain.  
Contains 1 TSP type-1 domain.  
Contains 1 VWFC domain.

### Cellular localization

Secreted.

## Images



Anti-WISP2 antibody ([ab38317](#)) at 1/100 dilution + Recombinant human WISP2 protein ([ab50040](#)) at 0.01 µg

### Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution  
Developed using the ECL technique

Performed under reducing conditions.

**Exposure time** : 10 seconds

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

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