

## Product datasheet

# Recombinant human WISP2 protein ab50040

### 1 References

#### Overview

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<b>Product name</b>	Recombinant human WISP2 protein
<b>Protein length</b>	Full length protein

#### Description

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

#### Amino Acid Sequence

<b>Species</b>	Human
<b>Sequence</b>	<p>MQLCPTPCTC PWPPPRCPLG VPLVLDGCGC            CRVCARRLGE PCDQLHVCDASQGLVCQPGA            GPGGRGALCL LAEDDSSCEV NGRLYREGET            FQPHCSIRCR CEDGGFTCVPLCSEDVRLPS            WDCPHPRRVE VLGKCCPEWV CGQGGGLGTQ            PLPAQGPQFS GLVSSLPPGV PCPEWSTAWG            PCSTTCGLGM ATRVSNQNRFCRLETQRRLC            LSRPCPPSRGRSPQNSAF</p>

#### 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.

<b>Applications</b>	Western blot SDS-PAGE Functional Studies
<b>Endotoxin level</b>	< 0.100 Eu/μg
<b>Purity</b>	> 95 % SDS-PAGE. Endotoxin level is less than 0.1 ng per μg (1EU/μg).
<b>Form</b>	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 2-8oC 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 -20oC to -80oC.

**General Info**

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**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 IGFBP N-terminal domain.  
Contains 1 TSP type-1 domain.  
Contains 1 VWFC domain.

**Cellular localization**

Secreted.

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

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