

Product datasheet

Recombinant human WISP2 protein ab50040

1 References 1 Image

Overview

Product name Recombinant human WISP2 protein
Protein length Full length protein

Description

Nature Recombinant
Source Escherichia coli

Amino Acid Sequence

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

Specifications

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

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.

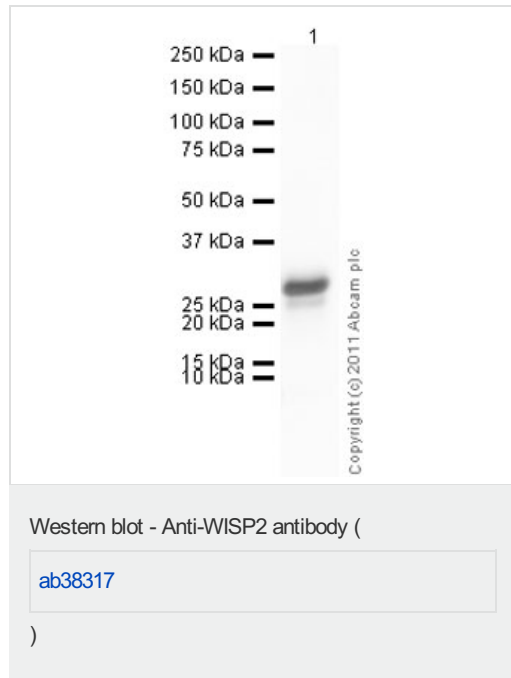
Sequence similarities

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.

Predicted band size: 27 kDa

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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