



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### CCN5 (Human) Recombinant Protein

**Catalog Number:** P9334

**Regulation Status:** For research use only (RUO)

**Product Description:** Human CCN5 recombinant protein expressed in *Escherichia coli*.

**Sequence:**

MQLCPTPCTCPWPPPRCPGLVPLVLDGCGCCRCV  
RLGEPDQLHVCDASQGLVCQPGAGPGGRGALCLLA  
EDDSSCEVNGRLYREGETFQPHCSIRCRCEGGFTC  
VPLCEDVRLPSWDCPHRRVEVLGKCCPEWVCGQ  
GGGLGTQPLPAQGPQFSGLVSSLPPGVPCPEWSTAW  
GPCSTTCGLGMATRVSNQNRFCRLETQRRRLCLSRPC  
PPSRGRSPQNSAF

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 24.4

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Lyophilized

**Preparation Method:** *Escherichia coli* expression system

**Purity:** > 95% as determined by SDS-PAGE.

**Storage Buffer:** Lyophilized from a solution containing 0.1% Trifluoroacetic Acid (TFA). Reconstitute the lyophilized powder in 10 mM acetic acid to 100 ug/mL.

**Storage Instruction:** Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4°C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).  
Avoid repeated freeze/thaw cycles.

**Entrez GeneID:** 8839

**Gene Symbol:** WISP2

**Gene Alias:** CCN5, CT58, CTGF-L

**Gene Summary:** This gene encodes a member of the WNT1 inducible signaling pathway (WISP) protein subfamily, which belongs to the connective tissue growth factor (CTGF) family. WNT1 is a member of a family of cysteine-rich, glycosylated signaling proteins that mediate diverse developmental processes. The CTGF family members are characterized by four conserved cysteine-rich domains: insulin-like growth factor-binding domain, von Willebrand factor type C module, thrombospondin domain and C-terminal cystine knot-like (CT) domain. The encoded protein lacks the CT domain which is implicated in dimerization and heparin binding. It is 72% identical to the mouse protein at the amino acid level. This gene may be downstream in the WNT1 signaling pathway that is relevant to malignant transformation. Its expression in colon tumors is reduced while the other two WISP members are overexpressed in colon tumors. It is expressed at high levels in bone tissue, and may play an important role in modulating bone turnover. [provided by RefSeq]