

## 32-12340: Human WNT1-inducible-signaling pathway protein-2

**Gene :** WISP2  
**Gene ID :** 8839  
**Uniprot ID :** O76076

**Alternative Name :** WNT1-inducible-signaling pathway protein 2, CCN family member 5, Connective tissue growth factor-like protein, Connective tissue growth factor-related protein 58

### Description

**Source:** Genetically modified E.coli.

**Predicted MW:** Monomer, 24.4 kDa (228 aa)

WNT1-inducible-signaling pathway protein 2 (WISP-2) is a member of the CYR61/CTGF/NOV (CCN) family of regulatory factors. WISP-2 is expressed in ectodermal, mesodermal, and endodermal lineages, including primary osteoblasts, fibroblasts, mesenchymal stem cells, and adipogenic precursor cells. WISP-2 is a canonical WNT ligand that regulates cell proliferation, adhesion, and metastasis. Secreted WISP-2 promotes mesenchymal precursor cell proliferation and maintains them in an undifferentiated state. In bone-forming osteoblasts, WISP-2 promotes osteoblast adhesion and inhibits osteocalcin production.

### Product Info

**Amount :** 20 µg / 100 µg

**Purification :** Reducing and Non-Reducing SDS PAGE at >= 95%

**Content :** Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)  
Sterile 10 mM acetic acid at 0.1 mg/mL

**Storage condition :** Store at -20°C

**Amino Acid :** MQLCPTPCTC PWPPRCPLG VPLVLDGCGC CRVCARRLGE PCDQLHVCDA SQGLVCQPGA  
GPGGREGALCL LAEDDSSCEV NGRLYREGET FQPHCSIRCR CEDGGFTCVLP LCEDEVRLPS WDCPHPRRVE  
VLGKCCPEWV CGQGGGLGTQ PLPAQGPQFS GLVSSLPPGV PCPEWSTAWG PCSTTCGLGM  
ATRVSNQNRFCRLETQRRCLSRPCPPSRGRSPQNSAF

### Application Note

**Endotoxin:** Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.

Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80Å°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialled to compensate for this loss.

