

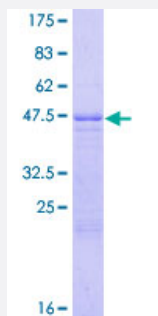
## Full-Length

# WISP2 (Human) Recombinant Protein (P01)

Catalog # H00008839-P01

Size 10 ug, 25 ug

## Applications



## Specification

<b>Product Description</b>	Human WISP2 full-length ORF ( AAH17782.1, 24 a.a. - 250 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	QLCPTPCTCPWPPPRCPLGVPLVLDGCGCCRVCAARRLGEPDQLHVCDASQGLVCQPGAGP GGRGALCLLAEDDCSCEVNGRLYREGETFQPHCSIRCRCEGGFTCVPLCSEDVRLPSWDCPH PRRVEVLGKCCPEWVCGQGGGLGTQPLPAQGPQFSGLVSSLPPGVPCPEWSTAWGPCSTTC GLGMATRVSNQNRFCRLETQRRRLCLSRPCPPSRGRSPQNSAF
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	50.71
<b>Interspecies Antigen Sequence</b>	Mouse (72); Rat (70)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Note

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — WISP2

Entrez GeneID [8839](#)

GeneBank Accession# [BC017782](#)

Protein Accession# [AAH17782.1](#)

Gene Name WISP2

Gene Alias CCN5, CT58, CTGF-L

Gene Description WNT1 inducible signaling pathway protein 2

Omim ID [603399](#)

Gene Ontology [Hyperlink](#)

**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]

**Other Designations** OTTHUMP00000031770|OTTHUMP00000063227|connective tissue growth factor-like protein|wnt-1 signaling pathway protein 2