

32-20418: Recombinant Human WISP-3(Discontinued)

Reactivity : Human

Alternative Name : WNT-1 inducible signaling pathway protein-3, CCN6

Description

Source: **E.coli** WISP-3 is a member of the CCN family of secreted cysteine rich regulatory proteins. It is predominantly expressed in the adult kidney, testis, and fetal kidney, but it is also found with weaker expression in the placenta, ovary, prostate, small intestine, and skeletally-derived cells. WISP-3 is required for normal postnatal skeletal growth and cartilage homeostasis. Recombinant Human WISP-3 is a 36.8 kDa protein containing 331 amino acid residues. It is composed of four distinct structural domains (modules): the IGF binding protein (IGFBP) domain, the von Willebrand Factor C (VWFC) domain, the thrombospondin type-1 repeat (TSP type-1) domain, and a C-terminal cysteine knot-like (CTCK) domain.

Product Info

Amount : 5 µg / 20 µg

Purification : Purity: >= 98% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : TGPLDTTPEG RPGEVSDAPQ RKQFCHWPCK CPQKPRCPP GVSLVRDGC CCKICAKQPG
EICNEADLCD PHKGLYCDYS VDRPRYETGV CAYLVAVGCE FNQVHYHNGQ VFQPNPLFSC LCVSGAIGCT
PLFIPKLAGS HCSGAKGGKK SDQSNCSLEP LLQQLSTSYK TMPAYRNLPL IWKKKCLVQA TKWTPCSRTC
GMGISNRVTN ENSNCEMRKE KRLCYIQPCD SNILKTIKIP KGKTCQPTFQ LSKAEKFVFS GCSSTQSYKP
TFCGICLDKR CCIPNKS KMI TIQFDCPNEG SFKWKMLWIT SCVCQRNCRE PGDIFSELKI L

Application Note

The ED_{50} was determined by the dose-dependant proliferation of the MCF-7 cell line. The expected ED_{50} for this effect is 0.2-0.3 µg/ml.