

WISP-3, Human Recombinant

CATALOG NO:	P1282-5, 20	5 µg, 20 µg
ALTERNATE NAMES:	WNT-1 inducible signaling pathway protein-3, CCN6, WISP-3	
SOURCE:	E. Coli	
PURITY:	≥ 98% by SDS-PAGE gel and HPLC analyses.	
MOL. WEIGHT:	36.8 kDa	
FORM:	Lyophilized	
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.	
BIOLOGICAL ACTIVITY:	The ED ₅₀ was determined by the dose-dependent proliferation of the MCF-7 cell line. The expected ED ₅₀ for this effect is 0.2-0.3 µg/ml.	
RECONSTITUTION:	Centrifuge the vial prior to opening. Reconstitute in 10 mM Acetic Acid to a concentration of 0.1-1.0 mg/ml. 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.	
DESCRIPTION:	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 and weaker expression in placenta, ovary, prostate, small intestine, and skeletally-derived cells. WISP-3 is required for normal postnatal skeletal growth and cartilage homeostasis. 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.	

RELATED PRODUCTS:

- CTGFL/WISP-2, Human Recombinant (**Cat. No. 7129**)
- Cyr61/CCN1 Antibody (Clone 365108) (**Cat. No. 6695**)
- Human Recombinant FKBPL (**Cat. No. 6345**)
- WNT-1, human recombinant (**Cat. No. 4754**)
- Wnt-1 Antibody (**Cat. No. 5754**)
- Wnt-1 Blocking Peptide (**Cat. No. 3571BP**)
- Wnt-2, human recombinant (**Cat. No. 7599**)
- Wnt-1 Antibody (**Cat. No. 3571**)
- Wnt-2 Antibody (**Cat. No. 3572R**)
- Wnt-4 Antibody (**Cat. No. 3574R**)
- Wnt-6 Antibody (**Cat. No. 3570**)

FOR RESEARCH USE ONLY! Not to be used on humans.

