

Recombinant Human WNT1 Inducible Signaling Pathway Protein 1

Cat. No. WISP1-1699H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Mammalian Cells
Description	WNT1 inducible signaling pathway protein 1, also known as WISP1 is a cysteine-rich, secreted factor belonging to the CCN family which is associated with the extracellular matrix, and can interact with cellular integrins. WISP-1 promotes mesenchymal cell proliferation and osteoblastic differentiation while repressing chondrocytic differentiation. Therefore, WISP-1 plays an important regulatory role during bone development and fracture repair. WISP1 can also contribute to tumorigenesis.
State Of Matter	Lyophilized.
Purity	>90% by SDS Page and analyzed by silver stain.
Endotoxin	<1.0 EU/g as determined by the LAL method.
Molecular Weight	The predicted molecular weight of Recombinant Human WISP-1 is Mr 39.3 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 62 kDa.
Storage And Stability	This lyophilized protein is stable for six to twelve months when stored desiccated at -

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20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

GENE INFORMATION

Gene Name	WISP1 WNT1 inducible signaling pathway protein 1 [Homo sapiens]
Synonyms	WISP1; WNT1 inducible signaling pathway protein 1; CCN4; WNT1 induced secreted protein 1; wnt-1 signaling pathway protein 1; Wnt-1 inducible signaling pathway protein 1 WISP1c; WISP1i; WISP1tc; WNT1-inducible-signaling pathway protein 1; WISP-1; Wnt-1-induced secreted protein; WISP1c; WISP1i; WISP1t
Gene ID	8840
mRNA Refseq	NM_003882
Protein Refseq	NP_003873
MIM	603398
UniProt ID	O95388
Chromosome Location	8q24.22
Function	insulin-like growth factor binding; protein binding

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