



# Recombinant Human WISP3

Cat No:HR2R2069

For research use only

## Overview

Quantity	5 ?g
Gene Symbol	WISP3
Gene ID	8838
Accession	O95389
Alternative Name	WNT1-inducible-signaling pathway protein 3
Species	Human
Source	<i>E. coli</i>
Description	<p>WNT1-inducible-signaling pathway protein 3 (WISP3) is a member of the CCN family of cysteine-rich, glycosylated signalling proteins that mediate several developmental processes, and a member of the WNT1 inducible signalling pathway (WISP) subfamily. Members of this family are characterized by four conserved cysteine-rich domains: insulin-like growth factor-binding domain (IGFBP), von Willebrand factor type C (VWFC) domain, thrombospondin type-1 repeat (TSP type-1) domain, and C-terminal cystine knot-like (CTCK) domain. WISP3 is expressed in mature and fetal kidneys, testis, and in lower levels in the ovary, placenta, prostate, and small intestine. It is necessary for the growth of postnatal skeleton and cartilage homeostasis.</p>
Functions	The ED(50) was determined by the dose-dependent proliferation of MCF7 cells and was found to be <0.5ng/mL.
Formulation	N/A
Solubility	N/A
Appearance	Lyophilized Powder
Molecular Weight	37.1
Purity	>95% as determined by SDS-PAGE
Concentration	<1.0 EU/?g of recombinant protein as determined by the LAL method
Shipping Condition	Ambient Temperature
Storage Condition	The lyophilized protein is stable for at least one year from date of receipt at -70°C. Upon reconstitution, this cytokine can be stored in working aliquots at 2° - 8°C for one month, or at -20°C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.