

WISP2/CCN5 Protein, Mouse, Recombinant (His)

General Information

Synonyms:	Ccn5;WNT1-inducible-signaling pathway protein 2 (WISP-2);CCN family member 5; Connective tissue growth factor-like protein (CTGF-L);Wisp2;Ctgfl
Protein Construction:	24-251 aa
Species:	Mouse
Expression Host:	P. pastoris (Yeast)
Accession:	Q9Z0G4
Molecular Weight:	26.5 kDa (predicted)
AA Sequence:	QLCPAPCACPWTTPPQCPPGVPLVLDGCGCCRVCARRLGESCDHLHVCDPSQGLVCQPGAGPSGRGAVCLFE EDDGSCEVNGRRYLDGETFKPNCRVLCRCDDGGFTCLPLCEDVRLPSWDCPRPRRIQVGRCCPEWVCDQ AVMQPAIQSSAQGHQLSALVTPASADGPCPNWSTAWGPCSTTCGLGIATRVSNQNRFCQLEIQRRLLCLSRP CLASRSHGSWNSAF

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 90% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

May play an important role in modulating bone turnover. Promotes the adhesion of osteoblast cells and inhibits the binding of fibrinogen to integrin receptors. In addition, inhibits osteocalcin production.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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