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## Product Data Sheet

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Product Name: WISP1 Human  
Cat. No.: GP21062  
Batch No.: 1

### Product Data

Purity >98% Source  
Physical Appearance solid Shipping Condition

Synonyms WNT1 Inducible Signaling Pathway Protein 1; CCN Family Member 4; CCN4; Wnt-1 Inducible; Signaling Pathway Protein 1; WNT1 Inc

Amino Acid Sequence TALSPAPTTMDFTPAPLEDTSSRPQFCKWPCECPPSPRPLGVSLITDGCECCKMCAQQLGDNCTEAAICDPHRGLYCDYSGDRPRYAIGVCAQVVG

Solubility It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized p  
Formulation WISP1 protein was lyophilized from a 0.2µm filtered solution in PBS.

### Introduction

WISP1 is a part of a family of cysteine-rich, glycosylated signaling proteins that mediate varied developmental processes. WISP1 is a Downstream regulator in the Wnt/Frizzled-signaling pathway and is linked with cell survival. WISP1 weakens p53-mediated apoptosis in response to DNA damage through activation of AKT kinase and up-regulates the anti-apoptotic Bcl-X(L) protein.

### Stability

Store lyophilized protein at -20°C . Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C .

### Background

WISP1 Human Recombinant produced in Mouse myeloma cell line is a single, glycosylated polypeptide chain containing 355 amino acids (Thr23- Asn367), having a molecular mass of 39.3kDa and fused to a 10 aa His Tag. The WISP1 is purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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