

## 32-6597: WISP1 Human(Discontinued)

**Alternative Name :** WNT1 Inducible Signaling Pathway Protein 1, CCN Family Member 4, CCN4, Wnt-1 Inducible, Signaling Pathway Protein 1, WNT1 Induced Secreted Protein 1, Wnt-1-Induced Secreted Protein, CTC-458A3.8, WISP1tc, WISP1c, WISP1i, WISP-1, WISP1.

### Description

Source: HEK293 Cells.

Sterile Filtered White lyophilized (freeze-dried) powder.

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.

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.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 95.0% as determined by SDS-PAGE.Â

**Content :** WISP1 protein was lyophilized from a 0.2µm filtered solution in PBS.  
It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely.

**Storage condition :** 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.

**Amino Acid :** TALSPAPTTMDFTPAPLEDTSSRPQFCKWPCECPPSPPRCLGVSLITDGCECKMCAQQLGDNCTEAAICDPH  
RG  
LYCDYSGDRPRYAIGVCAQVVGVCVLDGVRVYNNQSFQPNCKYNCTCIDGAVGCTPLCLVRPPRLWCPHP  
RR  
VSIPGHCCEQWVCEDDAKRPRKTAPRDTGAFDAVGEVEAWHRNCIAYTSPWSPCSTSCGLGVSTRISNVNAQ  
CW  
PEQESRLCNLRPCDVDIHTLIKAGKKCLAVYQPEASMNFTLAGCISTRSYQPKYCGVCMNRCPIPYSKIDVS  
FQC PDGLGFSRQVLWINACFCNLSCRNPNDIFADLESYPDFSEIANHHHHHHHHHH.