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**Product Data Sheet**


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Product Name: WWTR1 Human

Cat. No.: GP25019

Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	WW domain-containing transcription regulator protein 1; Transcriptional coactivator with PDZ-binding motif; WWTR1; WW Domain Containing Transcription Regulator 1; TAZ.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMNPASAP PPLPPPGQQV IHVTQDLDTD LEALFNSVMN PKPSSWRKKI LPESFFKEPD SGSHSRQSST DSSGGHPGPR LAGGAQHVRS HSSPASLQLG TGAGAAGSPA QQHAHLRQQS YDVTDELPLP PGWEMTFTAT GQRYFLNHIE KITTWQDPRK AMNQPLNHMN LHPAVSSTPV PQRSMAVSQP NLVMNHQHQQ QMAPSTLSQQ NHPTQNPPAG LMSMPNALTT QQQQQQKLRL QRIQMERERI RMRQEELMRQ EAALCRQLPM EAETLAPVQA AVNPPTMTPD MRSITNNSD PFLNGGPYHS REQSTDSGLG LGCYSVPTTP EDFLSNVDEM DTGENAGQTP MNINPQQTRF PDFLDCLPGT NVDLGTLESE DLIPLFNDVE SALNKSEPFL TWL.		
Formulation	The WWTR1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.		

**Introduction**

WW Domain Containing Transcription Regulator 1 (WWTR1) is a transcriptional coactivator that plays a role as a downstream regulatory target in the Hippo signaling pathway which participates in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. WWTR1 regulates the nuclear accumulation of SMADS and has a main part in coupling them to the transcriptional machinery like the mediator complex. WWTR1 is also regulates embryonic stem-cell self-renewal.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer

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

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periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

WWTR1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 423 amino acids (1-400) and having a molecular mass of 46.5 kDa. WWTR1 is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

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