32-5253: Recombinant Human WW Domain Containing Transcription Regulator 1

Alternative Name : WW domain-containing transcription regulator protein 1,Transcriptional coactivator with PDZ-binding motif,WWTR1,WW Domain Containing Transcription Regulator 1,TAZ.

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount :	20 μg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	The WWTR1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer 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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH 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 MRSITNNSSD PFLNGGPYHS REQSTDSGLG LGCYSVPTTP EDFLSNVDEM DTGENAGQTP MNINPQQTRF PDFLDCLPGT NVDLGTLESE DLIPLFNDVE SALNKSEPFL TWL.