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WWTR1, 1-400aa, Human, His tag, E.coli

产品货号: TP04507

第三版

别名: WW domain containing transcription regulator 1, TAZ

描述: WWTR1 is a transcriptional coactivator which acts as a downstream regulatory target in the Hippo signaling pathway that plays a pivotal role in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this pathway is composed of a kinase cascade wherein STK3/MST2 and STK4/MST1, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ. Recombinant human WWTR1 protein, fused to His-tag at N-terminus, was expressed in E.coli .

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

分子量: 46.5kDa (423aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMNPASAPPPLPPPGQQVIHVTQDLDTDLLEALFNVSVMNPKPSSWRKKILPESFFKEPD
SGSHSRQSSTDSSGGHPGPRLAGGAQHVRSHSPASLQLGTGAGAAGSPAQQHAHLRQQSYDVTDELPLPPGWEMTFTA
TGQRYFLNHIEKITTWQDPRKAMNQPLNHMNLHPAVSSTPVPQRSMAVSQPNLVMNHQHQQQMAPSTLSQQNHPTQ
NPPAGLMSMPNALTTQQQQQKLRQLRQIQMERERIRMRQEELMRQEAALCRQLPMEAETLAPVQAAVNPPTMTPDMR
SITNNSSDPFLNGGPYHSREQSTD SGLGLGCYSVPTTPEDFLSNVDEMDTGENAGQTPMNINPQQTRFPDFLDCLPGTNV
DLGTLESEDLIPLFNDVESALNKSEPFLLTWL

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.