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SPOP, 1-374aa, Human, His tag, E.coli

产品货号: TP04021

第三版

别名: Speckle-type POZ protein, TEF2

**描述:** SPOP (speckle-type POZ protein), also known as TEF2, is a member of the Tdpoz family containing one N-terminal MATH (Meprin and TRAF homology) domain and one C-terminal BTB/POZ domain. This protein inhibits IPF1/PDX1 transactivation of established target promoters, such as insulin, may be by recruiting a repressor complex. Through an interaction with CUL-3, SPOP is involved in ubiquitinylation and protein degradation. Recombinant human SPOP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 5mM DTT, 50% glycerol, 0.2M NaCl, 2mM EDTA

**分子量:** 44.3kDa (394aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMSRVSPPPPAEMSSGPVAESWCYTQIKVVKFSYMWTINNFSFCREEMGEVIKSSTFSSGA  
NDKLRWCLRVNPKGLDEESKDYLSLYLLLVSCKSEVRKFKFSILNAKGEETKAMESQRAYRFVQKDWGFKKFIKRRDFL  
LDEANGLLPDDKLTLCFVSVVQDSVNISGQNTMNMVKVPECLADELGLWENSRFTDCCLCVAGQEFQAHKAILAA  
RSPVFSAMFEHEMEEKNRVEINDVEPEVFKEMMCFIYTGKAPNLDMADDLLAAADKYALERLKVMCEDALCSNLSV  
ENAAEILILADLHSADQLKTQAVDFINYHASDVLETSGWKSMVVSHPHLVAEAYRSLASAQCPFLGPPRKRRLKQS

**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.