

32-4947: Recombinant Human Speckle-Type POZ Protein

Alternative Name : Speckle-type POZ protein,HIB homolog 1,Roadkill homolog 1,SPOP,TEF2.

Description

Source : Escherichia Coli. SPOP Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 394 amino acids (1-374 a.a.) and having a molecular mass of 44.3kDa. The SPOP is purified by proprietary chromatographic techniques. Speckle-type POZ protein (SPOP) belongs to the Tdpoz family containing one N-terminal MATH (Meprin and TRAF homology) domain and one C-terminal BTB/POZ domain. SPOP inhibits IPF1/PDX1 transactivation of established target promoters, such as insulin, may be by recruiting a repressor complex. SPOP is involved in ubiquitinylation and protein degradation as a result of an interaction with CUL-3.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The SPOP solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 5mM DTT, 50% glycerol, 0.2M NaCl and 2mM EDTA.
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 MSRVSPPPP AEMSSGPVAE SWCYTQIKVV KFSYMWTTINN FSFCREEMGE VIKSSTFSSG ANDKCLKWCLR VNPKGLDEES KDYLSLYLLL VSPCKSEVRA KFKFSILNAK GEETKAMESQ RAYRFVQGKD WGFKKFIRRD FLLDEANGLL PDDKLTLCFESVSVQDSVNI SGQNTMNMVK VPECLADEL GGLWENSRT DCCLCVAGQE FQAHKAILAA RSPVFSAMFE HEMESKKNR VEINDVEPEV FKEMMCFIYT GKAPNLDKMA DLLLAAADKY ALERLKMCE DALCSNLSVE NAAEILILAD LHSADQLKTQ AVDFINYHAS DVLETSGWKS MVSHPHLVA EAYRSLASQA CPFLGPPRKR LKQS.