

SPOP recombinant protein

SPOP, 1-374aa, Human, His tag, E Coli

CATALOG # AAA48663	HOST E Coli	APPLICATIONS SDS-Page
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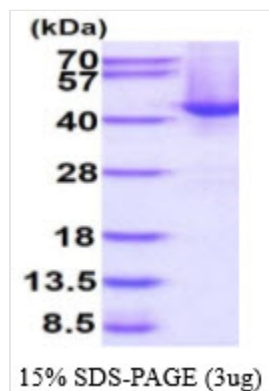
PRODUCT SYNONYMS

SPOP, 1-374aa; Human; His tag; E Coli; Speckle-type POZ protein; TEF2; SPOP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 5mM DTT, 50% glycerol, 0.2M NaCl, 2mM EDTA
Concentration	0.25 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH MSRVSPPPP AEMSSGPVAE SWCYTQIKVV KFSYMWTTINN FSFCREEMGE VIKSTTFSSG ANDKLKWCLR VNPGLDEES KDYLSLYLLL VSCPKEVRA KFKFSILNAK GEETKAMESQ RAYRFVQGD WGFKKFIRRD FLLDEANGLL PDDKLTFCF VSVVQDSVNI SGQNTMNMVK VPECRLADEL GGLWENSRT DCCLCVAGQE FQAHKAILAA RSPVFSAMFE HEMEESKKNR VEINDVEPEV FKEMMCFIYT GKAPNLDKMA DLLAAADKY ALERLKMCE DALCSNLSVE NAAEILILAD LHSADQLKTQ AVDFINYHAS DVLETSGWKS MVSHPHLVA EAYRSLASQ CPFLGPPRKR LKQS
Sequence Length	374
Applicable Applications for SPOP recombinant protein	SDS-PAGE
Tag	His-tag
Domain	1-374aa
Preparation and Storage	Can be stored at 2°C to 8°C short term for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for SPOP recombinant protein	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 ubiquitylation 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.
Product Categories/Family for SPOP recombinant protein	Ubiquitination
References	Kwon J.E., et al. (2006) J. Biol. Chem. 281:12664-12672; Furukawa M., et al. (2003) Nat. Cell Biol. 5:1001-1007

NCBI AND UNIPROT INFORMATION

NCBI GI #	56117834
NCBI GeneID	8405
NCBI Accession #	NP_001007231
NCBI GenBank Nucleotide #	NM_001007230.1
UniProt Accession #	O43791; Q53HJ1; B2R6S3; D3DTW7
Molecular Weight	44.3 kDa (394aa), confirmed by MALDI-TOF
NCBI Official Full Name	speckle-type POZ protein
NCBI Official Synonym Full Names	speckle type BTB/POZ protein
NCBI Official Symbol	SPOP
NCBI Official Synonym Symbols	TEF2; BTBD32
NCBI Protein Information	speckle-type POZ protein
UniProt Protein Name	Speckle-type POZ protein
UniProt Gene Name	SPOP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.