

Product datasheet for **TP505802**

Spop (NM_025287) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse speckle-type BTB/POZ protein (Spop), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205802 representing NM_025287 Red =Cloning site Green =Tags(s)
	<p>MSRVSPPPPAEMSSGPVAESWCYTQIKVVKFSYMWTTINNFSCREEMGEVIKSSTFSSGANDKLKWCLR VNPKGLDEESKDYLSLYLLLVSCPKEVRAKFKFSILNAKGEETKAMESQRAYRFVQKGDWGFKKFIRRD FLLDEANGLLPDDKLTLCFVSVVQDSVNISGQNTMNMVKVPECRLADELGLWENSFRFTDCCLCVAGQE FQAHKAILAARSPVFSAMFEHEMEESEKKNRVEINDVEPEVFKEMMCFIYTGKAPNLDKMADDLLAAADKY ALERLKMVEDALCSNLSVENAAEILILADLHSADQLKTQAVDFINYHASDVLETSGWKSMVSHPHLVA EAYRSLASACPFGLGPPRKRLKQS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	42.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_079563
Locus ID:	20747
UniProt ID:	Q6ZWS8 , Q9DBZ2



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RefSeq Size:	2882
Cytogenetics:	11 59.01 cM
RefSeq ORF:	1122
Synonyms:	AI315626; Pcif1; TEF2
Summary:	<p>Component of a cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex that mediates the ubiquitination of target proteins, leading most often to their proteasomal degradation. The cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex containing homodimeric SPOP has higher ubiquitin ligase activity than the complex that contains the heterodimer formed by SPOP and SPOPL (By similarity). In complex with CUL3, involved in ubiquitination and proteasomal degradation of BRMS1, DAXX, PDX1/IPF1, GLI2 and GLI3. In complex with CUL3, involved in ubiquitination of H2AFY and BMI1; this does not lead to their proteasomal degradation. Inhibits transcriptional activation of PDX1/IPF1 targets, such as insulin, by promoting PDX1/IPF1 degradation.[UniProtKB/Swiss-Prot Function]</p>