

Product datasheet for **TP318384L**

SCYL1 (NM_001048218) Human Recombinant Protein

Product data:

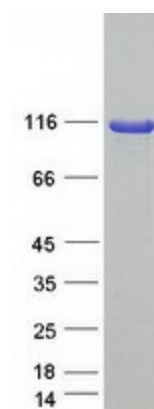
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SCY1-like 1 (<i>S. cerevisiae</i>) (SCYL1), transcript variant B, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218384 representing NM_001048218 Red =Cloning site Green =Tags(s)
	<p>MWFFARDPVRDFPFELIPEPPEGGLPGPWALHRGRKKATGSPVSIFVYDVKPGAEEQTQVAKAAFKRFKT LRHPNILAYIDGLETEKCLHVVTEAVTPLGIYLKARVEAGGLKELEISWGLHQIVKALSFLVNDCSLIHN NVCMAAVFVDRAGEWKLGGLDYMYSAQNGGGPPRKGIPLEQYDPELADSSGRVVREKWSADMWRLGC LIWEVFNGPLPRAAALRNP GKIPKTLVPHYCELVGANPKVRPNPARFLQNCRAPGGFMSNRFVETNLFLE EIQIKEPAEKQKFFQELSKSLDAFPEDFCRHKVLQLLTAFEFGNAGAVLTPLFKVGKFLSAEEYQQKI IPVVVKMFSSTDRAMRIRLLQQMEQFIQYLDEPTVNTQIFPHVHGFDTNPAIREQTVKSMALLAPKLN EANLNVELMKHFARLQAKDEQGPIRCNTTVCLGKIGSYLSASTRHRVLTSAFSRATRDPFAPS RVAGVLG FAATHNLYSMNDCAQKILPVLGCLTVDPKSVRDQAFKAIRSFLSKLESVSEDPTQLEEVKDVHAASSP GMGGAAASWAGWAVTGVSSLTSKLIRSHPTTAPTETNIPQRPTPEGHWETQEEDKDTAEDSSTADRWDDE DWGSLEQEAESVLAQQDDWSTGGQVSRASQVNSDHKSSKSPESDWSSWEAEGSWEQGWQEPSSQEPSPD GTRLASEYNWGGPESSDKGDPFATLSARPSTQPRPDSWGEDNWEGLTDSRQVKAELARKKREERRREME AKRAERKVAKGPMKLGARKLD</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	87.9 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
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_001041683
Locus ID:	57410
UniProt ID:	Q96KG9
RefSeq Size:	2616
Cytogenetics:	11q13.1
RefSeq ORF:	2373
Synonyms:	GKLP; HT019; NKTL; NTKL; P105; SCAR21; TAPK; TEIF; TRAP
Summary:	This gene encodes a transcriptional regulator belonging to the SCYL1-like family of kinase-like proteins. The protein has a divergent N-terminal kinase domain that is thought to be catalytically inactive, and can bind specific DNA sequences through its C-terminal domain. It activates transcription of the telomerase reverse transcriptase and DNA polymerase beta genes. The protein has been localized to the nucleus, and also to the cytoplasm and centrosomes during mitosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified SCYL1 protein (Cat# [TP318384]). The protein was produced from HEK293T cells transfected with SCYL1 cDNA clone (Cat# [RC218384]) using MegaTran 2.0 (Cat# [TT210002]).