

## Product datasheet for TP301273

### YL1 (VPS72) (NM\_005997) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human vacuolar protein sorting 72 homolog ( <i>S. cerevisiae</i> ) (VPS72), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201273 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSLAGGRAPRKTAGNRLSGLLEAEEDEFYQTTYGGFTEESGDDEYQGDQSDTEDEVSDFDIDEGDEPS  
SDGEAEEP RRKRRVTKAYKEPLKSLRPRKVNTPAGSSQKAREEKALLPLELQDDGSDSRKSMRQSTAEH  
TRQTLRVQERQGSRRRKGPHCERPLTQEELLREAKITEELNLRSLETYERLEADKKKQVHKRKC  
IITYHSVTPLVGPKEENVNIEGLDPAPSVSALTPHAGTGPVNPPARCSRTFITFSDDATFEWFPQ  
GRPPKVPVREVCVTHRPALYRDPVTDIPYATARAFKIIREAYKKYITAHGLPPTASALGPGPPPPEPLP  
GSGPRALRQKIVIK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	40.4 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.
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:	<u><a href="#">NP_005988</a></u>



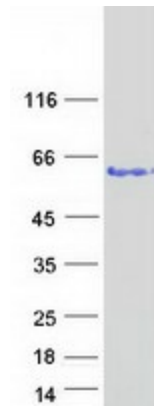
[View online »](#)

Locus ID:	6944
UniProt ID:	<a href="#">Q15906</a>
RefSeq Size:	1546
Cytogenetics:	1q21.3
RefSeq ORF:	1092
Synonyms:	CFL1; Swc2; TCFL1; YL-1; YL1

**Summary:** The protein encoded by this gene is a shared subunit of two multi-component complexes, the histone acetyltransferase complex TRRAP/TIP60 as well as the chromatin remodeling SRCAP-containing complex. The TRRAP/TIP60 complex acetylates nucleosomal histones important for transcriptional regulation, double strand DNA break repair and apoptosis. The SRCAP-containing complex catalyzes the exchange of histone H2A with the histone variant Htz1 (H2AFZ) into nucleosomes. This protein may be responsible for binding H2AFZ, which has a role in chromosome segregation. This protein may also have a role in regulating long-term hematopoietic stem cell activity. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Aug 2012]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified VPS72 protein (Cat# TP301273). The protein was produced from HEK293T cells transfected with VPS72 cDNA clone (Cat# [RC201273]) using MegaTran 2.0 (Cat# [TT210002]).