

Product datasheet for PH301273

YL1 (VPS72) (NM_005997) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	VPS72 MS Standard C13 and N15-labeled recombinant protein (NP_005988)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201273
Predicted MW:	40.6 kDa
Protein Sequence:	>RC201273 protein sequence Red =Cloning site Green =Tags(s)

MSLAGGRAPRKTAGNRLSGLLEAEEDEFYQTTYGGFTEESGDDEYQGDQSDTEDEVDSDFDIDEGDEPS
 SDGEAEEPRRRVVTKAYKEPLKSLRPRKVNTAGSSQKAREEKALLPLELQDDGSDSRKSMRQSTAETH
 TRQTFRLRVQERQQSRRRKGPCHCERPLTQEELLREAKITEELNLSLETYERLEADKKKQVHKRKCPCGP
 IITYHSVTVPLVGEPGPKEENVLDIEGLDPAPSVSALTPHAGTGPVNPPARCSRTFITFSDDATFEEWFPQ
 GRPPKVPVREVCPTVRPALYRDPVTDIPYATARAFAKIIREAYKKYITAHGLPPTASALGPGPPPEPLP
 GSGPRALRQKIVIK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_005988</u>
RefSeq Size:	1546
RefSeq ORF:	1092
Synonyms:	CFL1; Swc2; TCFL1; YL-1; YL1
Locus ID:	6944


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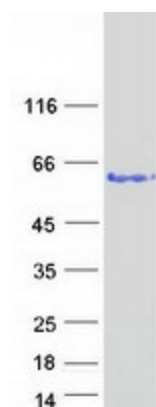
UniProt ID: Q15906

Cytogenetics: 1q21.3

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]).