

## Product datasheet for TP301170L

### TIP49A (RUVBL1) (NM\_003707) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human RuvB-like 1 (E. coli) (RUVBL1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201170 protein sequence Red=Cloning site Green=Tags(s)

MKIEEVKSTTKTQRIASHSHVKGLGLDESLAKQAASGLVGQENAREACGVIVELIKSKKMAGRAVLLAG  
PPGTGKTALALAI AQELGSKVPFCPMVGSEVSTEIKKTEVLMENFRRAIGLRIKETKEYEGETELTP  
CETENPMGGYGKTISHVIIGLKTAKGKQLKLDPSIFESLQKERVEAGDVIYEANS GAVKRQGRCDTYA  
TEFDLEAEEYVPLPKGDVHKKKEIIQDVTLHDLVDANARPQGGQDILSMMGQLMKPKKTEITDKLRGEIN  
KVVNKYIDQGIAELVPGVLFVDEVHMLDIECFYTLHRALESSIAPIVIFASN RNCVIRGTEDITSPHGI  
PLDLLDRVMIIRTMLYTPQEMKQIIKIRAQTEGINISEEALNHLGEIGTKTTLRYSVQLLTPANLLAKIN  
GKDSIEKEHVVEISELFYDAKSSAKILADQQDKYMK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

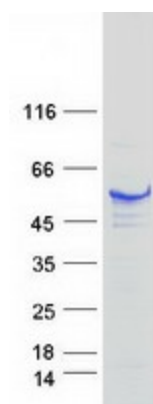
Tag:	C-Myc/DDK
Predicted MW:	50 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	<a href="#">NP_003698</a>



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Locus ID:	8607
UniProt ID:	<a href="#">Q9Y265</a> , <a href="#">A0A384MTR5</a>
RefSeq Size:	1785
Cytogenetics:	3q21.3
RefSeq ORF:	1368
Synonyms:	ECP-54; ECP54; INO80H; NMP 238; NMP238; PONTIN; Pontin52; RVB1; TIH1; TIP49; TIP49A
Summary:	This gene encodes a protein that has both DNA-dependent ATPase and DNA helicase activities and belongs to the ATPases associated with diverse cellular activities (AAA+) protein family. The encoded protein associates with several multisubunit transcriptional complexes and with protein complexes involved in both ATP-dependent remodeling and histone modification. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]
Protein Families:	Stem cell - Pluripotency, Transcription Factors
Protein Pathways:	Wnt signaling pathway

### Product images:



Coomassie blue staining of purified RUVBL1 protein (Cat# [TP301170]). The protein was produced from HEK293T cells transfected with RUVBL1 cDNA clone (Cat# [RC201170]) using MegaTran 2.0 (Cat# [TT210002]).