

Product datasheet for PH301170

TIP49A (RUVBL1) (NM_003707) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RUVBL1 MS Standard C13 and N15-labeled recombinant protein (NP_003698)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201170
Predicted MW:	50.2 kDa
Protein Sequence:	>RC201170 protein sequence Red=Cloning site Green=Tags(s)
	MKIEEVKSTTKTQRIASHSHVKGLGLDESLAKQAASGLVGQENAREACGVIVELIKSKKMAGRAVLLAG PPGTGKTALALAI AQELGSKVFPFCPMVGSEVYSTEIKKTEVLMENFRRAIGLRIKETKEVYEGEVELTP CETENPMGGYGKTI SHVIIGLKTAKGTKQLKLDPSIFESLQKERVEAGDVIYIEANSGAVKRQGRCDTYA TEFDLEAEEYVPLPKGDVHKKKEIIQDVTLHDLVDVANARPQGGQDILSMMGQLMKPKKTEITDKLRGEIN KVVNKYIDQGI AELVPGVLFVDEVHMLDIECFTYLHRALESSI APIVIFASNRGNCVIRGTEDITSPHGI PLDLLDRVMI IRTMLYTPQEMKQIIKIRAQTEGINISEEALNHLGEIGTKTTLRYSVQLLTPANLLAKIN GKDSIEKEHVVEEISELFYDAKSSAKILADQQDKYMK
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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_003698</u>
RefSeq Size:	1785
RefSeq ORF:	1368
Synonyms:	ECP-54; ECP54; INO80H; NMP 238; NMP238; PONTIN; Pontin52; RVB1; TIH1; TIP49; TIP49A



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Locus ID: 8607

UniProt ID: [Q9Y265](#), [A0A384MTR5](#)

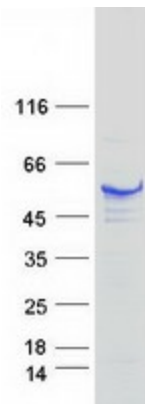
Cytogenetics: 3q21.3

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]).