

Recombinant Human RUVBL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RUVBL1-1814H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RUVBL1 MS Standard C13 and N15-labeled recombinant protein (NP_003698) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	50.2 kDa
AA Sequence	MKIEEVKSTTKTQRIASHSHVKGLGLDESLAKQAASGLVGQENAREACGVIVELIKS KKMAGRAVLLAGPPGTGKTALALAIQELGSKVPFCPMVGSEVYSTEIKKTEVLMEN FRRAIGLRIKETKEVYEGETELTPCETENPMGGYGKTISHVIIGLKTAKGTKQLKLDP SIFESLQKERVEAGDVIYIEANSGAVKRQGRCDTYATEFDLEAEEYVPLPKGDVHKK KEIIQDVTLHDLVDANARPQGGQDILSMMGQLMKPKKTEITDKLRGEINKVVNKYIDQ GIAELVPGVLFVDEVHMLDIECFTYLHRALESSIAPIVIFASNRGNCVIRGTEDITSPHG IPLDLLDRVMIIRTMLYTPQEMKQIIKIRAQTEGINISEEALNHLGEIGTKTTLRYSVQLL

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	TPANLLAKINGKDSIEKEHVVEISELFYDAKSSAKILADQQDKYMKTRTRPLEQKLISE EDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	RUVBL1 RuvB like AAA ATPase 1 [Homo sapiens (human)]
Official Symbol	RUVBL1
Synonyms	RUVBL1; RuvB like AAA ATPase 1; RuvB (E coli homolog) like 1; ruvB-like 1; ECP54; INO80 complex subunit H; INO80H; NMP238; pontin; Pontin52; RVB1; Rvb1; TIH1; TIP49; TIP49a; ECP-54; NMP 238; pontin 52; TAP54-alpha; nuclear matrix protein 238; RuvB (E coli homolog)-like 1; 49 kDa TBP-interacting protein; TIP60-associated protein 54-alpha; 54 kDa erythrocyte cytosolic protein; TATA binding protein interacting protein 49 kDa; 49 kDa TATA box-binding protein-interacting protein; PONTIN; TIP49A;
Gene ID	8607
mRNA Refseq	NM_003707

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Protein Refseq NP_003698

MIM 603449

UniProt ID Q9Y265

SDS-PAGE



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