Recombinant Full Length Human RUVBL1 Protein, C-Flag-tagged

Cat. No. RUVBL1-929HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RUVBL1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	50 kDa
AA Sequence	MKIEEVKSTTKTQRIASHSHVKGLGLDESGLAKQAASGLVGQENAREACGVIVELIKS KKMAGRAVLLAG PPGTGKTALALAIAQELGSKVPFCPMVGSEVYSTEIKKTEVLMEN FRRAIGLRIKETKEVYEGEVTELTP CETENPMGGYGKTISHVIIGLKTAKGTKQLKLD PSIFESLQKERVEAGDVIYIEANSGAVKRQGRCDTYA TEFDLEAEEYVPLPKGDVHK KKEIIQDVTLHDLDVANARPQGGQDILSMMGQLMKPKKTEITDKLRGEIN KVVNKYID QGIAELVPGVLFVDEVHMLDIECFTYLHRALESSIAPIVIFASNRGNCVIRGTEDITSPH

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

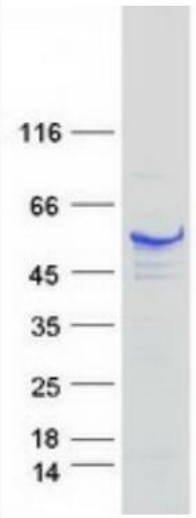
	GI PLDLLDRVMIIRTMLYTPQEMKQIIKIRAQTEGINISEEALNHLGEIGTKTTLRYSVQ LLTPANLLAKIN GKDSIEKEHVEEISELFYDAKSSAKILADQQDKYMKTRTRPLEQKLISEEDLAANDILD YKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Stem cell - Pluripotency, Transcription Factors
Protein Pathways	Wnt signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name	RUVBL1 RuvB like AAA ATPase 1 [Homo sapiens (human)]
Official Symbol	RUVBL1
Synonyms	RVB1; TIH1; ECP54; TIP49; ECP-54; INO80H; NMP238; PONTIN; TIP49A; NMP 238; Pontin52

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Gene ID	8607
mRNA Refseq	NM_003707.3
Protein Refseq	NP_003698.1
MIM	603449
UniProt ID	Q9Y265



Coomassie blue staining of purified RUVBL1 protein.

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