

**RUVBL1, 1-456aa, Human, His tag, E.coli**

**Cat.NO.: TP03812**

3th Edition

**Synonyms:**RuvB-like 1, ECP54, INO80H, NMP238, PONTIN, Pontin52, RVB1, TIH1, TIP49, TIP49A

**Description:**RUVBL1, also known as TIP49A, is a component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histone H4 and H2A. This complex may be required for the activation of transcriptional programs associated with oncogene and proto oncogene mediated growth induction, tumor suppressor mediated growth arrest.

**Form:**Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 5mM DTT, 20% glycerol

**Molecular Weight:**52.3 kDa (476aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMKIEEVKSTTKTQRIASHSHVKGGLGLDESLAKQAASGLVGQENAREACGVIVELI  
KSKKMAGRAVLLAGPPGTGKTALALAIQELGSKVPFCPMVGSEVYSTEIKKTEVLMENFRRAIGLRIKETKEVYEG  
EVTETPCETENPMGGYGKTISHVIIGLKTAKGTKQLKLDPSIFESLQKERVEAGDVIIYEANS GAVKRQGRCDTYAT  
EFDLEAEEYVPLPKGDVHKKKEIIQDVTLHDLVDANARPQGGQDILSMMGQLMKPKKTEITDKLRGEINKVVNKYID  
QGIAELVPGVLFVDEVHMLDIECFYTLHRALESSIPIVIFASNRGNCVIRGTEDITSPHGIPLDLLDRVMIIRTMLYTPQ  
EMKQIIKIRAQTEGINISEEALNHLGEIGTKTTLRYSVQLLTPANLLAKINGKDSIEKEHVVEISELFYDAKSSAKILADQ  
QDKYMK

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.