
Product Data Sheet

Product Name: RUVBL1 Human

Cat. No.: GP24458

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	ECP54; RUVBL1; INO80H; NMP238; PONTIN; Pontin52; RVB1; TIH1; TIP49; TIP49A; RuvB-Like 1; EC=3.6.4.12; TIP60-associated protein 54-alpha; TAP54-alpha.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MKIEEVKSTT KTQRIASHSH VKGLGLDESG LAKQAASGLV GQENAREACG VIVELIKSKK MAGRAVLLAG PPGTGKTALA LAIAQELGSK VPFCEPMVGSE VYSTEIKKTE VLMENFRAI GLRIKETKEV YEGEVTELTPT CETENPMGGY GKTISHVIIG LKTAKGTKQL KLDPSIFESL QKERVEAGDV IYIEANSGAV KRQGRCDTYA TEFDLEAEEY VPLPKGDVHK KKEIIQDVTL HDLDVANARP QGGQDILSMM GQLMKPKKTE ITDKLRGEIN KVVNKYIDQG IAELVPGVLF VDEVHMLDIE CFTYLHRALE SSIPIVIFA SNRGNCVIRG TEDITSPHGI PLDLLDRVMI IRTMLYTPQE MKQIIKIRAQ TEGINISEEA LNHLGEIGTK TTLRYSVQLL TPANLLAKIN GKDSIEKEHV EEISELFYDA KSSAKILADQ QDKYMK.		
Formulation	The RUVBL1 protein solution (0.5mg/ml) containing 20mM Tris-HCl pH-8, 5mM DTT, 0.2M NaCl & 20% glycerol.		

Introduction

RUVBL1 is part of NuA4 histone acetyltransferase complex which participates in transcriptional activation of specific genes mainly by acetylation of nucleosomal histone H4 and H2A. This complex is essential for the activation of transcriptional programs associated with oncogene and proto oncogene mediated growth induction, tumor suppressor mediated growth arrest.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer

Caution: Product has not been fully validated for medical applications. For research use only.

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periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

RUVBL1 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 476 amino acids (1-456 a.a) and having a molecular mass of 52.3kDa. The RUVBL1 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

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