

RUVBL1 Human

Description: 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.

Catalog #: PRPS-868

For research use only.

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.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MKIEEVKSTT KTQRIASHSH
VKGLGLDESG LAKQAASGLV GQENAREACG VIVELIKSKK MAGRAVLLAG PPGTGKTALA
LAIAQELGSK VPFCPMVGSE VYSTEIKKTE VLMENFRRAI GLRIKETKEV YEGEVTELT
CETENPMGGY GKTISHVIIG LKTAKGTKQL KLDPSIFESL QKERVEAGDV IYIEANSGAV
KRQGRCDTYA TE

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:

The RUVBL1 protein solution (0.5mg/ml) containing 20mM Tris-HCl pH-8, 5mM DTT, 0.2M NaCl & 20% glycerol.

Stability:

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

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

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