

Recombinant Human TIP49A protein ab98076

画像数 1

製品の詳細

製品名	Recombinant Human TIP49A protein
精製度	> 95 % SDS-PAGE. ab98076 was purified using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<u>Q9Y265</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHHSSGLVPRGSHMKIEEVKSTTKTQRIASHSH VKGLGLDESG LAKQAASGLVGQENAREACGVIVELIKSKKMAGRAVLLAGPP GTGKTALA LAIAQELGSKVPFCPMVGSEVYSTEIKKTEVLMENFRAIGL RIKETKEV YEGEVTELTPCETENPMGGYGKTISHVVIIGLKTA GTKQLKL DPSIFESL QKERVEAGDVIYIEANSGAVKRQGRCDTYATEFDLEAEEYVP LPKGDVHK KKEIIQDVTLHDLVDANARPQGGQDILSMMGQLMKPKKTEIT DKLRGEIN KVVNKYIDQGIAELVPGVLFVDEVHMLDIECFTYLHRALESS IAPIVIFA SNRGNCVIRGTEDITSPHGIPLDLLDRVMIIRTMLYTPQEMK QIIKIRAQ TEGINISEEALNHLGEIGTKTTLRYSVQLLTPANLLAKINGK DSIEKEHV EEISELFYDAKSSAKILADQQDKYMK
予測される分子量	52 kDa including tags
領域	1 to 456
タグ	His tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab98076** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション Mass Spectrometry

SDS-PAGE

質量分析 MALDI-TOF

製品の状態 Liquid

前処理および保存

保存方法および安定性 Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.077% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 1.16% Sodium chloride

関連情報

機能 Possesses single-stranded DNA-stimulated ATPase and ATP-dependent DNA helicase (3' to 5') activity. Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. 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 and replicative senescence, apoptosis, and DNA repair. The NuA4 complex ATPase and helicase activities seem to be, at least in part, contributed by the association of RUVBL1 and RUVBL2 with EP400. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage. RUVBL1 plays an essential role in oncogenic transformation by MYC and also modulates transcriptional activation by the LEF1/TCF1-CTNNB1 complex.

May be able to bind plasminogen at cell surface and enhance plasminogen activation.
Essential for cell proliferation.

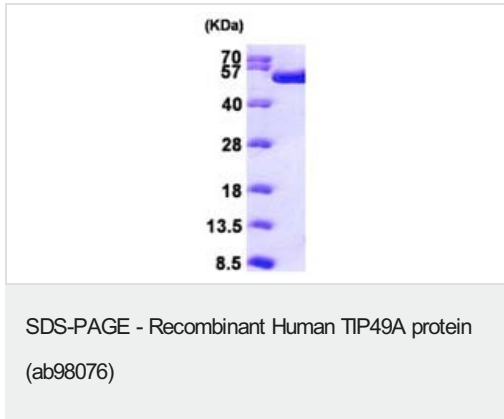
組織特異性 Ubiquitously expressed with high expression in heart, skeletal muscle and testis.

配列類似性 Belongs to the ruvB family.

ドメイン Binding to MYC is dependent on a Myc domain essential for oncogenic activity.

細胞内局在 Nucleus matrix. Nucleus > nucleoplasm. Cytoplasm. Membrane. Cytoplasm > cytoskeleton > centrosome. Mainly localized in the nucleus, associated with nuclear matrix or in the nuclear cytosol, although it is also present in the cytoplasm and associated with the cell membranes. In prophase and prometaphase it is located at the centrosome and the branching microtubule spindles. After mitotic nuclear membrane disintegration it accumulates at the centrosome and sites of tubulin polymerization. As cells pass through metaphase and into telophase it is located close to the centrosome at the early phase of tubulin polymerization. In anaphase it accumulates at the zone of tubule interdigitation. In telophase it is found at polar tubule overlap, and it reappears at the site of chromosomal decondensation in the daughter cells.

画像



15% SDS-PAGE analysis of 3µg ab98076

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