

Recombinant Human c-Myc protein ab84132

★★★★★ [1 Abreviews](#) [7 References](#) [画像数 2](#)

製品の詳細

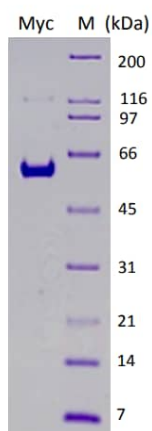
製品名	Recombinant Human c-Myc protein
精製度	> 75 % Affinity purified. Purified by an affinity column in combination with FPLC chromatography.
発現系	Escherichia coli
アクセッション番号	<u>NM_002467</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MPLNVSFTNRNYDLDYDSVQPYFYCDEEE NFYQQQQQSELQPPAPSEDIWKKFELLTPPLSPSRRSGLCS PSYVAVTP FSLRGDND GGGGSFSTADQLEMVTELLGGDMVNQSFICDPDDETFIKNII IQDCMWSG FSAAAKLV SEKLASYQAARKDSGSPNPARGHSVCSTSSLYLQDLSAAASE CIDPSVVF PYPLNDSS SPKSCASQDSSAFSPSSDILLSSTESSPQGSPEPLVLHEETP PTTSSDSE EEQEDEEE IDVVSVEKRQAPGKRSESGSPSAGGHSKPPHSPLVLKRCHVS THQHNYAA PPSTRKDY PAAKRVKLDsvrvlrqISNNRKCTSPRSSDTEENVKRRTHNV LERQRRNE LKRSFFAL RDQIPELENNEKAPKVVLKKATAYILSVQAEQKLISEEDL LRKRREQL KHKLEQLR NSCA
予測される分子量	50 kDa
領域	1 to 439
タグ	His tag C-Terminus

特性

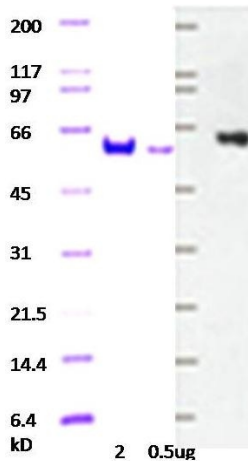
Our **Abpromise guarantee** covers the use of **ab84132** in the following tested applications.

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	Western blot SDS-PAGE
製品の状態	Liquid
前処理および保存	
保存方法および安定性	<p>Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.</p> <p>pH: 7.9</p> <p>Constituents: Potassium chloride, 0.0154% DTT, Tris HCl, EDTA, 20% Glycerol</p> <p>Protein is stored in 20 mM Tris-Cl (pH 7.5), 20% Glycerol, 100 mM KCl, 1 mM DTT and 0.2 mM EDTA.</p>
関連情報	
機能	Participates in the regulation of gene transcription. Binds DNA in a non-specific manner, yet also specifically recognizes the core sequence 5'-CAC[GA]TG-3'. Seems to activate the transcription of growth-related genes.
関連疾患	<p>Note=Overexpression of MYC is implicated in the etiology of a variety of hematopoietic tumors.</p> <p>Note=A chromosomal aberration involving MYC may be a cause of a form of B-cell chronic lymphocytic leukemia. Translocation t(8;12)(q24;q22) with BTG1.</p> <p>Defects in MYC are a cause of Burkitt lymphoma (BL) [MIM:113970]. A form of undifferentiated malignant lymphoma commonly manifested as a large osteolytic lesion in the jaw or as an abdominal mass. Note=Chromosomal aberrations involving MYC are usually found in Burkitt lymphoma. Translocations t(8;14), t(8;22) or t(2;8) which juxtapose MYC to one of the heavy or light chain immunoglobulin gene loci.</p>
配列類似性	Contains 1 basic helix-loop-helix (bHLH) domain.
翻訳後修飾	<p>Phosphorylated by PRKDC. Phosphorylation at Thr-58 and Ser-62 by GSK3 is required for ubiquitination and degradation by the proteasome.</p> <p>Ubiquitinated by the SCF(FBXW7) complex when phosphorylated at Thr-58 and Ser-62, leading to its degradation by the proteasome. In the nucleoplasm, ubiquitination is counteracted by USP28, which interacts with isoform 1 of FBXW7 (FBW7alpha), leading to its deubiquitination and preventing degradation. In the nucleolus, however, ubiquitination is not counteracted by USP28, due to the lack of interaction between isoform 4 of FBXW7 (FBW7gamma) and USP28, explaining the selective MYC degradation in the nucleolus. Also polyubiquitinated by the DCX(TRUSS) complex.</p>
細胞内局在	Nucleus > nucleoplasm. Nucleus > nucleolus.
画像	



SDS-PAGE - Recombinant Human c-Myc protein
(ab84132)



Western blot - Recombinant Human c-Myc protein
(ab84132)

SDS-PAGE with Coomassie Blue staining (Left) and Western-blot
(Right)

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