

Recombinant Human NFAT4/NF-ATc3 protein ab114667

[1 References](#) [画像数 1](#)

製品の詳細

製品名	Recombinant Human NFAT4/NF-ATc3 protein
発現系	Wheat germ
アクセッション番号	<u>Q12968</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	

MTTANCGAHDELDFKLVFGEDGAPAPPPGSRPADLEPDDCA
SIYIFNVD
PPPSTLTTPLCLPHHGLPSHSSVLSPSFQLQSHKNYEGTCEI
PESKYSPL
GGPKPFECPSIQITSISPNCHELDHEDDLQINDPEREFLE
RPSRDHLY
LPLEPSYRESSLSPSPASSISSRSWFSASSCESLSHIYDDV
DSELNEAA
ARFTLGSPLTSPGGSPGGCPGEETWHQQYGLGHSLSPRQSPC
HSPRSSVT
DENWLSRPASGPSSRPTSPCGKRRHSSAEVCYAGSLSPHHS
PVPSPGHS
PRGSVTEDTWNASVHGGSGLGPAVFPFQYCVETDIPLKTRK
TSEDQAAI
LPGKLELCSDDQGSLSPARETSIDDGLGSQYPLKKDSCGDQF
LSVSPSPT
WSKPKPGHTPIFRTSSLPPLDWPLPAHFGQCELKIEVQPKTH
HRAHYETE
GSRGAVKASTGGHPVVKLLGYNEKPINLQMFIGTADDRYLRP
HAFYQVHR
ITGKTVATASQEIIIAS TKVLEIPLL PENNMSASIDCAGILK
LRNSDIEL
RKGETDIGRKNTRVRLVFRVHIPQPSGKVL SLQIASIPVECS
QRSAQELP
HIEKYSINSCSVNGGHEMVVTGSNFLPESKIIIFLEKGDGRP
QWEVEGKI
IREKCGAHIVLEVPPYHNPAVTA AVQVHFYLCNGKRKKSQS
QRFTYTPV

LMKQEHREEIDLSSVPSLPVPHPAQTQRPSSDSGCSHDSVLS
GQRSLICS
IPQTYASMVTSSHLPQLQCRDESVSKEQHMIPIVHQPFQV
TPTPPVGS
SYQPMQTNVVYNGPTCLPINAASSQEFDSVLFQQDATLSGLV
NLGCQPLS
SIPFHSSNSGSGTGHLLAHTPHSVHTLPHLQSMGYHCSNTGQR
SLSSPVAD
QITGQPSSQLQPITYGPHSGSATTASPAASHPLASSPLSGP
PSPQLQPM
PYQSPSSGTASSPATRMHSGQHSTQAQSTGQGLSAPSSL
ICHSLCDP
ASFPPDGATVSIKPEPEDREPINFATIGLQDITLDDDDQFISDL
EHQPSGSA EKWPNHVLSLCPAPFWRI

予測される分子量 144 kDa
領域 1 to 1068

特性

Our **Abpromise guarantee** covers the use of **ab114667** 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
ELISA
SDS-PAGE
製品の状態 Liquid
備考 This product was previously labelled as NFAT4.

前処理および保存

保存方法および安定性 Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
pH: 8.00
Constituents: 0.3% Glutathione, 0.79% Tris HCl

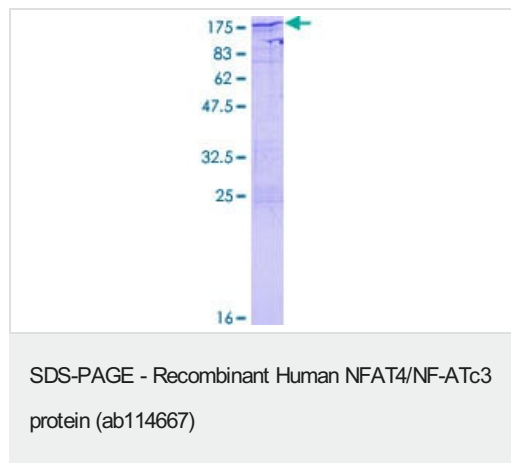
関連情報

機能 Plays a role in the inducible expression of cytokine genes in T-cells, especially in the induction of the IL-2.
組織特異性 Isoform 1 is predominantly expressed in thymus and is also found in peripheral blood leukocytes and kidney. Isoform 2 is predominantly expressed in skeletal muscle and is also found in thymus, kidney, testis, spleen, prostate, ovary, small intestine, heart, placenta and pancreas. Isoform 3 is expressed in thymus and kidney. Isoform 4 is expressed in thymus and skeletal muscle.
配列類似性 Contains 1 RHD (Rel-like) domain.
ドメイン Rel Similarity Domain (RSD) allows DNA-binding and cooperative interactions with AP1 factors.
翻訳後修飾 Phosphorylated by NFATC-kinase; dephosphorylated by calcineurin.

細胞内局在

Cytoplasm. Nucleus. Cytoplasmic for the phosphorylated form and nuclear after activation that is controlled by calcineurin-mediated dephosphorylation. Rapid nuclear exit of NFATC is thought to be one mechanism by which cells distinguish between sustained and transient calcium signals. The subcellular localization of NFATC plays a key role in the regulation of gene transcription.

画像



SDS-PAGE analysis of ab114667 on a 12.5% gel stained with Coomassie Blue.

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