

Recombinant Human NFAT4/NF-ATc3 protein ab114667

1 References 1 图像

描述	
产品名称	重组人NFAT4/NF-ATc3蛋白
表达系统	Wheat germ
Accession	<u>Q12968</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MTTANCGAHDELDFKLVFGEDGAPAPPPGSRPADLEPDDCA SIYIFNVD PPPSTLTTPLCLPHHGLPSHSSVLSPSFQLQSHKNYEGTCEI PESKYSPL GGPKPFECPSIQITSISPNCHQELDAHEDDLQINDPEREFLE RPSRDHLY LPLEPSYRESSLSPSPASSISSRSWFSDASSCESLSHIYDDV DSELNEAA ARFTLGSPLTSPGGSPGGCPGEETWHQQYGLGHSLSPRQSPC HSPRSSVT DENWLSRPASGPSSRPTSPCGKRRHSSAEVCYAGSLSPHHS PVPSPGHS PRGSVTEDTWLNASVHGGSGLGPAVFPPFYQCVETDIPLKTRK TSEDQAAI LPGKLELCSDDQGSLSPARETSIDDGLGSQYPLKKDSCGDQF LSVPSPFT WSKPKPGHTPIFRTSSLPPLDWPLPAHFGQCELKIEVQPKTH HRAHYETE GSRGAVKASTGGHPVVKLLGYNEKPINLQMFIGTADDRYLRP HAFYQVHR ITGKTVATASQEIIIIASTKVLEIPLL PENNMSASIDCAGILK LRNSDIEL RKGETDIGRKNTRVRLVFRVHIPQPSGKVLSLQIASIPVECS QRSAQELP HIEKYSINSCSVNGGHEMVVTGSNFLPESKIIIFLEKGQDGRP QWEVEGKI IREKCQGAHIVLEVPPYHNPAVTAAVQVHFYLCNGKRKKSQS QRFTYTPV

LMKQEHREEIDLSSVPSLPVPHPAQTQRPSSDSGCSHDSVLS
 GQRSLICS
 IPQTYASMVTSSHLPLQLQCRDESVSKEQHMIPSPIVHQPFQV
 TPTPPVGS
 SYQPMQTNVVYNGPTCLPINAASSQEFDVLFQQDATLSGLV
 NLGCQPLS
 SIPFHSSNSGSTGHLLAHTPHSVHTLPHLQSMGYHCSNTGQR
 SLSSPVAD
 QITGQPSSQLQPITYGPHSGSATTASPAASHPLASSPLSGP
 PSPQLQPM
 PYQSPSSGTASSPSPATRMHSGQHSTQAQSTGQGGLSAPSSL
 ICHSLCDP
 ASFPPDGATVSIKPEPEDREP NFATIGLQDITLDDQFISDL
 EHQP SGSA EKWP NHSVLSC PAFWRI

预测分子量 144 kDa
氨基酸 1 to 1068

技术指标

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.

应用 Western blot
 ELISA
 SDS-PAGE
形式 Liquid
补充说明 This product was previously labelled as NFAT4.

制备和贮存

稳定性和存储 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

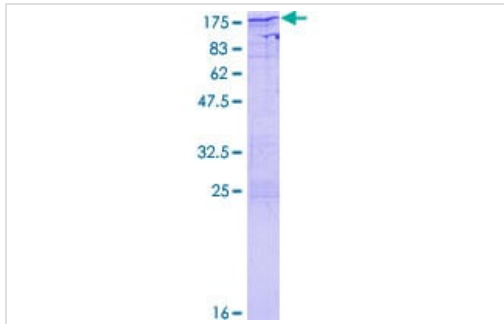
常规信息

功能 Plays a role in the inducible expression of cytokine genes in T-cells, especially in the induction of the IL-2.
组织特异性 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.
序列相似性 Contains 1 RHD (Rel-like) domain.
结构域 Rel Similarity Domain (RSD) allows DNA-binding and cooperative interactions with AP1 factors.
翻译后修饰 Phosphorylated by NFATC-kinase; dephosphorylated by calcineurin.

细胞定位

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.

图片



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

SDS-PAGE - Recombinant Human NFAT4/NF-ATc3 protein (ab114667)

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