abcam

Product datasheet

Recombinant Human NIT2 protein ab102690

1 图像

描述

产品名称 重组人NIT2蛋白

纯**度** > 95 % SDS-PAGE.

ab102690 is purified by conventional chromatography techniques.

表达系统 Escherichia coli

Accession Q9NQR4

蛋白长度 Full length protein

无动物成分 No

性质 Recombinant

种属 Human

序列 MGSSHHHHHHSSGLVPRGSHMGSMTSFRLALIQLQISSIK

SDNVTRACSF

IREAATQGAKIVSLPECFNSPYGAKYFPEYAEKIPGESTQKL

SEVAKECS

IYLIGGSIPEEDAGKLYNTCAVFGPDGTLLAKYRKIHLFDID

VPGKITFQ

ESKTLSPGDSFSTFDTPYCRVGLGICYDMRFAELAQIYAQRG

CQLLVYPG

AFNLTTGPAHWELLQRSRAVDNQVYVATASPARDDKASYVAW

GHSTVVNP

WGEVLAKAGTEEAIVYSDIDLKKLAEIRQQIPVFRQKRSDLY

AVEMKKP

预**测分子量** 33 kDa including tags

氨基酸 1 to 276

标签 His tag N-Terminus

技术指标

Our Abpromise guarantee covers the use of ab102690 in the following tested applications.

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

应用 Mass Spectrometry

SDS-PAGE

质**谱法** MALDI-TOF

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制备和贮存

稳定性和存储 Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium

chloride

常规信息

功能 Has a omega-amidase activity. The role of omega-amidase is to remove potentially toxic

intermediates by converting alpha-ketoglutaramate and alpha-ketosuccinamate to biologically useful alpha-ketoglutarate and oxaloacetate, respectively. Overexpression decreases the colony-

forming capacity of cultured cells by arresting cells in the G2 phase of the cell cycle.

组织特异性 Detected in fetal brain (at protein level). Ubiquitous. Detected in heart, brain, placenta, lung, liver,

skeletal muscle, kidney, pancreas, prostate, spleen, thymus, prostate, testis, ovary, small intestine

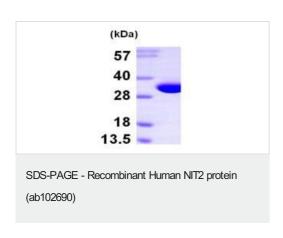
and colon.

序列相似性 Belongs to the UPF0012 family.

Contains 1 CN hydrolase domain.

细胞定位 Cytoplasm.

图片



15% SDS-PAGE analysis of ab102690 (3 μ g).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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