

Recombinant Human NKIRAS1 protein ab123143

1 图像

描述

产品名称	重组人NKIRAS1蛋白
纯度	> 95 % SDS-PAGE. ab123143 was purified using conventional chromatography.
表达系统	Escherichia coli
Accession	<u>Q9NYS0</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<pre> MGSSHHHHHSSGLVPRGSHMGKCKVVVCGLLSVGKTAILE QLLYGNHT IGMEDCETMEDVYMASVETDRGVKEQLHLYDTRGLQEGVELP KHYFSFAD GFVLVYSVNNLESFQRVELLKKKEIDKFKDKKEVAIVVLGNKI DLSEQRQV DAEVAQQWAKSEKVRLEWVTVDRKTLIEPFTLLASKLSQPQ SKSSFPLP GRKNKGNSNSEN </pre>
预测分子量	24 kDa including tags
氨基酸	1 to 192
标签	His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab123143** in the following tested applications.

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

应用	SDS-PAGE Mass Spectrometry
质谱法	MALDI-TOF
形式	Liquid

制备和贮存

稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine)

常规信息

功能

Atypical Ras-like protein that acts as a potent regulator of NF-kappa-B activity by preventing the degradation of NF-kappa-B inhibitor beta (NFKBIB) by most signals, explaining why NFKBIB is more resistant to degradation. May act by blocking phosphorylation of NFKBIB and mediating cytoplasmic retention of p65/RELA NF-kappa-B subunit. It is unclear whether it acts as a GTPase. Both GTP- and GDP-bound forms block phosphorylation of NFKBIB.

组织特异性

Widely expressed.

序列相似性

Belongs to the small GTPase superfamily. Ras family. KappaB-Ras subfamily.

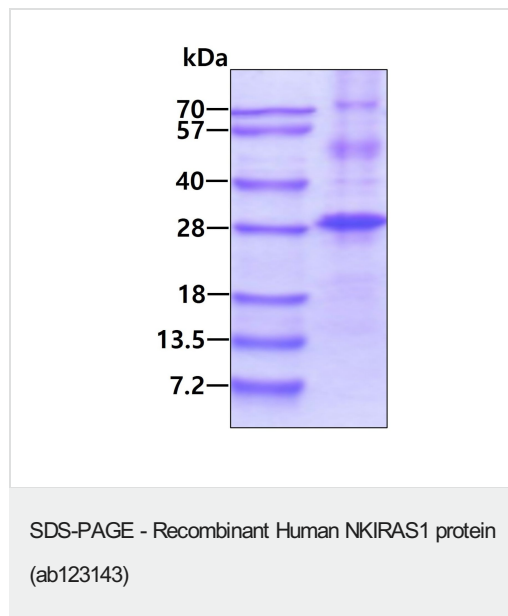
结构域

In contrast to other members of the Ras family, the members of the KappaB-Ras subfamily do not contain the conserved Gly and Gln residues in positions 13 and 65, which are replaced by Leu residues, and are therefore similar to the constitutively active forms of oncogenic forms of Ras. This suggests that members of this family are clearly different from other small GTPases proteins.

细胞定位

Cytoplasm.

图片



SDS-PAGE analysis of ab123143 (3 µg).

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