

Datasheet for ABIN7548730

NKIRAS1 Protein (AA 1-192) (His tag)



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Overview

Quantity:	1 mg
Target:	NKIRAS1
Protein Characteristics:	AA 1-192
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NKIRAS1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NKIRAS1 Protein expressed in mammalian cells.
Sequence:	MGKGCKVVVC GLLSVGKTAI LEQLLYGNHT IGMEDCETME DVYMASVETD RGVKEQLHLHY DTRGLQEGVE LPKHYSFAD GFVLVYSVNN LESFQRVELL KKEIDKFKDK KEVAIWVLGN KIDLSEQRQV DAEVAQQWAK SEKVRLWEVT VTDRKTLIEP FTLLASKLSQ PQSKSSFPLP GRKNKGNSNS EN Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and

Product Details

transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	NKIRAS1
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Alternative Name:	NKIRAS1 (NKIRAS1 Products)
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Background:	NF-kappa-B inhibitor-interacting Ras-like protein 1 (I-kappa-B-interacting Ras-like protein 1) (Kappa B-Ras protein 1) (KappaB-Ras1),FUNCTION: 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. {ECO:0000269 PubMed:10657303, ECO:0000269 PubMed:12672800, ECO:0000269 PubMed:15024091}.
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Molecular Weight:	21.6 kDa
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UniProt:	Q9NYS0
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Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months