

Datasheet for ABIN7554733

NKRF Protein (AA 1-690) (His tag)



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Overview

Quantity:	1 mg
Target:	NKRF
Protein Characteristics:	AA 1-690
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NKRF protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NKRF Protein expressed in mammalian cells.
Sequence:	MEKILQMAEG IDIGEMPSYD LVLSKPSKGQ KRHLSTCDGQ NPPKKQAGSK FHARPRFEPV HFVASSSKDE RQEDPYGPQT KEVNEQTHFA SMPRDIYQDY TQDSFSIQDG NSQYCDSSGF ILTKDQPVTA NMYFDSGNPA PSTTSQQANS QSTPEPSQ TFPESVVAEK QYFIEKLTAT IWKNLSPNEM TSGSDKINYT YMLTRCIQAC KTNPEYIYAP LKEIPPADIP KNKKLLTDGY ACEVRCQNIY LTTGYAGSKN GSRDRATELA VKLLQKRIEV RVVRRKFKHT FGEDLVVCQI GMSSYEFPPA LKPPEDLVVL GKDASGQPIF NASAKHWTNF VITENANDAI GILNNSASFN KMSIEYKYEM MPNRTWRCRV FLQDHCLAEG YGTTKTSKHA AAEALKILQ KTQPTYPSVK SSQCHTGSSP RGSQKKKDIK DLVVYENSSN PVCTLNDAQ FNRMTVEYVY ERMTGLRWKC KVILESEVIA EAVGVKTKV YEAAGEAVKT LKKTQPTVIN NLKKGAVEDV ISRNEIQGRS AEAYKQQIK EDNIGNQLLR KMGWTGGGLG KSGEGIREPI SVKEQHKREG LGLDVERVVK IAKRDIEQII RNYARSESHT DLTFRELTN DERKQIHQIA QKYGLKSKSH GVGHDRYLVV GRKRRKEDLL DQLKQEGQVG HYELVMPQAN 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 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)

Grade: custom-made

Target Details

Target: NKRF

Alternative Name: NKRF ([NKRF Products](#))

Background: NF-kappa-B-repressing factor (NfκB-repressing factor) (NRF) (Protein ITBA4),FUNCTION: Enhances the ATPase activity of DHX15 by acting like a brace that tethers mobile sections of DHX15 together, stabilizing a functional conformation with high RNA affinity of DHX15 (PubMed:12381793). Involved in the constitutive silencing of the interferon beta promoter, independently of the virus-induced signals, and in the inhibition of the basal and cytokine-induced iNOS promoter activity (PubMed:12381793). Also involved in the regulation of IL-8 transcription (PubMed:12381793). May also act as a DNA-binding transcription regulator: interacts with a specific negative regulatory element (NRE) 5'-AATTCCTCTGA-3' to mediate

Target Details

	transcriptional repression of certain NK-kappa-B responsive genes (PubMed:10562553). {ECO:0000269 PubMed:10562553, ECO:0000269 PubMed:12381793}.
Molecular Weight:	77.7 kDa
UniProt:	O15226

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.
Restrictions:	For Research Use only

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