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Datasheet for ABIN7564095

KANK4 Protein (AA 1-1016) (His tag)

Overview

Quantity:	1 mg
Target:	KANK4
Protein Characteristics:	AA 1-1016
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KANK4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinant Kank4 Protein expressed in mammalian cells.
Sequence:	MEKIDGKDQS SQGDEEKEPP KSYPYSVETP YGFHLDLDFL KYVDDIEKGH TIKRIPIHRR AKQAKFSTLP RNFSLPNSGD RTYAVPPQQN WSPVVPKIS LGTQEPSQPL PLGLDPQASV QGSELNYHRK ALLAKDARQA EAGSLEDVGS GRPQLLRASS MPATLLQNQV PEEPSLTSGP STLLALPLLQ DEGSVCDGAF DPAEGLMGFQ ASAQSVREL GELEPAIQE VWEGAEEPEG DLKASSHLSQ PGPSSAVQSV PMDLEEVEIE HHMREAELVL TPGSATPSPP PLPSPILEND LSLDEIELSI SEIPPPPIE VDVRSIGIRV TEESLGLLET DTSSISLKN QVLALEDKLS GRTEELARVR AALEQQEEET KAREQRIQEL ECTVAHLEEK LSQERASEAP DRTDATVNTD PLQELTPRES HDKNIGVNLL NTPDPECRAP RAEKNGFPWW QNNHKQSYPS PEEPVLPQQL SLPRGPEQIL ASSLCSCLSM ELRIEEEGSE QEGGQEEGAG GLSRAAGESS WSTRESAPVI REEATSELPG AERPGRPASS PQDATIGQYV KKIPELLHEQ WNCLEHGYPE LASAIKQPAS KLSSIQNQLL SSLNLLLSAY SAQAPEPEPK ETPAPPSTP PTPPPPPPEI SPSTSLKSIM KKKDYGFRAG

GNGTKKNLQF VGVNGGYETT SSEETSGEDS SPEDLSDSET EKKQDCSESR EDRDLHPSCE
AGQGVPEGTR NSGHTSDRGE EVSHLRAERY KPSEEFNAC QTLSQHLPET GDTTKQLLRQ
SLNTISQEWf RVSSRKLSSP EAVAAYLLEV QPHSPYLLKL LVNLADRSN TALHYSVSHS
NFAIVKLLLD TGVCNVDHQN KAGYTAVMIT PLASAETKED MAVVWKLRE GNVNIQATQG
GQTALMLGVS HDREDMVQAL LSCQADVNLQ DNDGSSALML ACHQGNADLV RLLLAHPACN
SSLTDKAGRT ALSVLNNSPA HVEIAELLRA HSEPGRSLGP KELQKN **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

KANK4

Alternative Name:

Kank4 ([KANK4 Products](#))

Background:

KN motif and ankyrin repeat domain-containing protein 4 (Ankyrin repeat domain-containing protein 38),FUNCTION: May be involved in the control of cytoskeleton formation by regulating actin polymerization. {ECO:0000250|UniProtKB:Q5T7N3}.

Molecular Weight:

110.4 kDa

Target Details

UniProt: [Q6P9J5](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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