

Datasheet for ABIN7554218
KANK4 Protein (AA 1-995) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	KANK4
Protein Characteristics:	AA 1-995
Origin:	Human
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 recombinat KANK4 Protein expressed in mammalian cells.
Sequence:	<p>MEKTDAKDQS SQGDEEKDPP KSHPYSVETP YGFHLDLDFL KYVDDIEKGN TIKRIPIHRR</p> <p>AKQAKFSTLP RNFSLPDGA RPPAAPPLQN WSPVVPREAS LGTQEQNQSP PLGNAPQAST</p> <p>SRSEVSYHRK ALLAEATRQL EAAEPEDAEL TFGSGRPQLL RASSMPATLL HSRASEEPGL</p> <p>SLGPPAPPAL PPLQGEESVC DGTFEPAEGL AGFHSSSPRA STRIPELVQE GAEPPEGVVK</p> <p>VPNHLPLPGP PFSFQNVLVV LEDKEDEHNA REAEVLFTPG SPTSPPPPLP SPIPENELLL</p> <p>EEIELNISEI PPPPPVEVDM RSIGIRVTEE SLGLARVDPG SISSLKQQVS ALEGELSGRT</p> <p>EELAQVRTAL QQQEEEEIKAR EQRIRELEFT VAQLEGQFHQ ENAKDTQGQT DVMVNTDPVH</p> <p>GLLTRESCDK GIEVNLLGSM ESESWGHRGE ENGLLWGPDG HKQGNQSPA E RVLLPQLSLP</p> <p>QGPEQVLTSS VHSFLSTELR IEEAGTEQEG GPQGGRGAG GFLWGS DRKT PPAGREETSS</p> <p>NLPGKEHPGR PPSSPTDATI GQYVKKIQEL LQEQWNCLEH GYPELASAIK QPASKLSSIQ</p> <p>SQLLSSLNLL LSAYSAQAHP PKEPPASSSS PPVEISPSTS LKSIMKKKDY GFRAGGNGTK</p>

KNLQFVG VNG GYETTSSEET SGEDSTPEDL SDSEAEKKCD GPDHKHVKDA HLTCEAGQGI
PEGTCHAAQE SGPGEVPHS KAERYKPSEE FLNACRALSQ HLPETGTTTD QLLRQSLNTI
SQEWFRVSSR KSSSPAVVAS YLHEVQPHSP HFLKLLVNLA DHNGNTALHY SVSHSNFSIV
KLLLETGVCN VDHQNKAGYT AVMITPLASA ETNEDMAVWV KLLREGNVNI QATQGGQTAL
MLGVSHDRED MVQALLSCQA DVNLQDHDGS SALMVACHHG NVDLVRLLLA HPACDSSLTD
KAGRTALSIA LKSPTHMEIA GLLRAHAEQG RSLGL **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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
------------------	---

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:0000269 PubMed:17996375}.
Molecular Weight:	107.3 kDa

Target Details

UniProt: [Q5T7N3](#)

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