

Datasheet for ABIN7563087
NKTR Protein (AA 1-1453) (His tag)



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Overview

Quantity:	1 mg
Target:	NKTR
Protein Characteristics:	AA 1-1453
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NKTR protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Nktr Protein expressed in mammalian cells.
Sequence:	MGAQDRPQCH FDIEINREPV GRIMFQLFSD ICPKTCKNFL CLCSGEKGLG KTTGKKLCYK GSTFHRVVKN FMIQGGDFSE GNGKGGESIY GGYFKDENFI LKHDRAFLLS MANRGKHTNG SQFFITTKPA PHLDGVHVVF GLVISGFEVI EQIENLKTDA ASRPYADVVR IDCGLVATKL TKDVFEEKRK KPTCSEGSDS SSRSSSSSES SSESEVERET IRRRRHKRRP KVRHAKKRRK EMSSSEEP RR KRTVSPEGYS ERSDVNEKRS VDSNTKREKP VVRPEEIPPV PENRFLLRD MPAITVEPEQ NIPDVAPVVS DQKPSVSKSG RKIKGRGTIR YHTPPRSRSH SESKDDDSSE TPPHWKEEMQ RLRAYRPPSG EKWSKGDKLS DPCSSRWDER SLSQRSRSWS YNGYYSDLST ARHSDGHHKK HRKEKKFKHK KKAKKQKHCR RHRQTKKRRI VMPDLEPSRS PTHRMKSSCV RERRSRASSS SSHHSSKRDW SKSDQDDGSA STHSSRDSYR SKSHSRSDSR GSSRSRAVSK SSSRSLNRSK SRSSSRSGPR RTSISPKKPA QLS ENKPVKT EPLRPSVPQN GNVLVQPVAA ENIPVIPLSD SPPPSRWKPG QKPWKPSYER IQEMKAKTTH LLPVQSTYSL TNIKATVSSS

SYHKREKPSE SDGSAYSKYS DRSSGSSGRS GSKSSRSRSS SRSYTRSRSR SLPTSRSLSR
SPSSRSHSPN KYSDGSQHSR SSSYTSVSSD DGRRAMFRSN RKKSVTSHKR HRSNSEKTLH
SKYVRGREKS SRHRKYSES RSLDYSSDSD QSHVQVYSAP EKEKQGKVEA LNDKQKGRE
EGKPKPEWEC PRSKKRTPKD HSRDDSVSKG KNCAGSKWDS ESNSEQDVTK SRKSDPRRGS
EKEEGEASSD SESEVGQSHI KAKPPAKPPT STFLPGSDGA WKSRRPQSSA SESESSCSNL
GNIRGEPQKQ KHSKDDLKGD HTKRAREKSK AKKDKKHKAP KRKQAFHWQP PLEFGDDEEE
EMNGKQVTQD PKEKRHVSEK CEAVKDGIPN VEKTCDEGSS PSKPKKGTL QDPLAEGGHD
PSSCPAPLKV EDNTASSPPS AQHLEEHGPG GGEDVLQTDD NMEICTPDRT SPAKGEVVSP
LANHRLDSPE VNIIEQDEC MAHPRAGGEQ ESSMSESKTL GESGVKQDSS TSVTSPVETS
GKKEGAESQ MNLTDKWKPL QGVGNLSVST ATTSSALDVK ALSTVPEVKP QGLRIEIKSK
NKVRPGSLFD EVRKARLNR RPRNQESSD DQTPSRDGDS QSRSPHRSR KSETKSRHRT
RSVSYSHSR RSRSTSSYR SRSYSRSR DWYSRGRTRS RSSYGSFHS HRTSSRSR
SSSYDLHSR RSYTYDSYYS RSRSRSRQR SDSYHRGRSY NRRSRSGRSY GSDSESDRSY
SHHRSPSESS RYS **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:	NKTR
Alternative Name:	Nktr (NKTR Products)
Background:	NK-tumor recognition protein (NK-TR protein) (Natural-killer cells cyclophilin-related protein) (Peptidyl-prolyl cis-trans isomerase NKTR) (PPlase) (EC 5.2.1.8),FUNCTION: PPlase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding. Component of a putative tumor-recognition complex involved in the function of NK cells. {ECO:0000250 UniProtKB:P30414}.
Molecular Weight:	163.4 kDa
UniProt:	P30415

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