

Datasheet for ABIN7554744
NKTR Protein (AA 1-1462) (His tag)



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Overview

Quantity:	1 mg
Target:	NKTR
Protein Characteristics:	AA 1-1462
Origin:	Human
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 mammalien cells.
Sequence:	MGAQDRPQCH FDIEINREPV GRIMFQLFSD ICPKTCKNFL CLCSGEKGLG KTTGKKLCYK GSTFHRVVKN FMIQGGDFSE GNGKGGESIY GGYFKDENFI LKHDRAFLLS MANRGKHTNG SQFFITTKPA PHLDGVHVVF GLVISGFEVI EQIENLKTDA ASRPYADVVR IDCGLVATKS IKDVFEKKRK KPTHSEGSDDS SSNSSSSSES SSESELEHER SRRRKHKRRP KVKRSKKRRK EASSSEEPRN KHAMNPKGHS ERSDTNEKRS VDSSAKREKP VVRPEEIPPV PENRFLLRD MPVVTAEPKP KIPDVAPIVS DQKPSVSKSG RKIKGRGTIR YHTPPRSRSC SESDDDDSSSE TPPHWKEEMQ RLRAYRPPSG EKWSKGDKLS DPCSSRWDER SLSQRSRSWS YNGYYSDLST ARHSGHHKKR RKEKKVKHKK KGKKQKHCRR HKQTKKRIL IPSDIESSKS STRMKSSCD RERSSRSSSL SSHHSSKRDW SKSDKDVQSS LTHSSRDSYR SKSHSQSYSR GSSRSRTASK SSSHSRSRSK SRSSSKSGHR KRASKSPRKT ASQLSENKPV KTEPLRATMA QNENVVQPV VAENIPVIPL SDSPPPSRWK PGQKPWKPSY ERIQEMKAKT THLLPIQSTY SLANIKETGS

SSSYHKREKN SESDQSTYSK YSDRSSESSP RSRSRSSRSR SYRSYTRSR SLASSHSRSR
SPSSRSHSRN KYSDHSQCSR SSSYTSISSD DGRRAKRRLR SSGKKNSVSH KKHSSSSEKT
LHSKYVKGRD RSSCVRKYSE SRSSLDYSSD SEQSSVQATQ SAQEKEKQGQ MERTHNKQEK
NRGEEKSKSE RECPHSHKRT LKENLSDHLR NGSKPKRKNY AGSKWDSSEN SERDVTKNK
NDSHPSSDKE EGEATSDSES EVSEIHKVK PTTKSSTNTS LPDDNGAWKS SKQRTSTSDS
EGSCNSENN RGKPQKHKHG SKENLKREHT KKVKEKLKGK KDKKHKAPKR KQAFHWQPPL
EFGEEEEEEI DDKQVTQESK EKKVSENNET IKDNILKTEK SSEEDLSGKH DTVTVSSDL
QFTKDDSKLS ISPTALNTEE NVACLQNIQH VEESVPNGVE DVLQTDDNME ICTPDRSSPA
KVEETSPLGN ARLDTPDINI VLKQDMATEH PQAEEVKQES SMSESKVLGE VGKQDSSSAS
LASAGESTGK KEVAEKSQIN LIDKKWKPLQ GVGNLAAPNA ATSSAVEVKV LTTVPEMKPQ
GLRIEIKSKN KVRPGSLFDE VRKTARLNRR PRNQESSDE QTPSRDDDSQ SRSPSRRSK
SETKSRHRTR SVSYSHRSR SRSSTSSYRS RSYSRSRSRG WYSRGRTSR SSSYRSYKSH
RTSSRSRSRS SSYPHRSR SYTYDSYYSR SRSRSRSQRS DSYHRGRSYN RRSRSCRSYG
SDSEDRSYS HHRSPSESSR YS **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) (Rotamase),FUNCTION: PPlase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding (PubMed:20676357). Component of a putative tumor-recognition complex involved in the function of NK cells (PubMed:8421688). {ECO:0000269 PubMed:20676357, ECO:0000269 PubMed:8421688}.
Molecular Weight:	165.7 kDa
UniProt:	P30414

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