

Datasheet for ABIN7552120
ANKRD50 Protein (AA 1-1429) (His tag)



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Overview

Quantity:	1 mg
Target:	ANKRD50
Protein Characteristics:	AA 1-1429
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANKRD50 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ANKRD50 Protein expressed in mammalian cells.
Sequence:	MTNPWEEKVC KMAQTSLLQG KQFYCREWVF HKLQHCLQEK SNCCNSAVNA PSLVMNSGNN ASGVSGKGAA WGVLLVGGPG SGKTALCTEL LWPSSPASLQ RGLHRQALAF HFCKAQDSDT LCVGGFIRGL VAQICRSGLL QGYEDKLRDP AVQSLLQPGE CERNPAEAFK RCVLLPLLGM KPPQQSLYLL VDSVDEGCNI TEGETSTSL SGTVAALLAG HHEFFPPWLL LLCSARKQSK AVTKMFTGFR KISLDDLKKA YIVKDVQYI LHRLDQEEAL RQHCLKETAE MLNQLHIKSS GCFLYLERVL DGVVENFIML REIRDIPGTL NGLYLWLCQR LFVRKQFAKV QPILNVILAA CRPLTITELY HAVWTKNMSL TLEDQRKLD ILSKLLVDGL GNTKILFHYS FAEWLLDVKH CTQKYLCNAA EGHRLMAMSY TCQAKNLTPL EAQEFALHLI NSNLQLETAE LALWMIWNGT PVRDSLSTLI PKEQEVQLLL VKAGAHVNSE DDRTSCIVRQ ALEREDSIRT LLDNGASVNO CDSNGRLLA NAAVSGSLDV VNULLVSRGAD LEIEDAHGHT PLTLAARQGH TKVVNCLIGC GANINHDTQD GWTALRSAAW GGHTEVVSAL LYAGVKVDCA DADSRTALRA AAWGGHEDIV LNLLQHGAEV NKADNEGRTA LIAAAYMGHR EIVEHLLDHG AEVNHEDVDG RTALSVAALC

VPASKGHASV VSLIDRGAE VDHCDKDGMT PLLVAAYEGH VDVVDLLLEG GADVHTDNN
GRTPLLAAS MGHASVVNTL LFWGAAVDSI DSEGRTVLSI ASAQGNVEVV RTLLDRGLDE
NHRDDAGWTP LHMAAFEGHR LICEALIEQG ARTNEIDNDG RIPFILASQE GHYDCVQILL
ENKSNIDQRG YDGRNALRVA ALEGHRDIVE LLFSHGADVN CKDADGRPTL YILALENQLT
MAEYFLENGA NVEASDAEGR TALHVSCWQG HMEMVQVLIA YHADVNAADN EKRSALQSAA
WQGHVKVQQL LIEHGAVVDH TCNQGATALC IAAQEGHIDV VQVLEHGAD PNHADQFGRT
AMRVAANKNGH SQIIKLLEKY GASSLNGCSP SPVHTMEQKP LQSLSSKVQS LTIKSNSSGS
TGGGDMQPSL RGLPNGPHTA FSSPSESPDS TVDRQKSSLS NNSLKSSKNS SLRTTSSTAT
AQTVPIDSFH NLSFTEQIQQ HSLPRRSRQ SIVSPSSTTQ SLGQSHNSPS SEFEWSQVKP
SLKSTKASKG GKSENSAKSG SAGKKAKQSN SSQPKVLEYE MTQFDRRGPI AKSGTAAPPK
QMPAESQCKI MIPSAQQEIG RSQQQLIHQ QSGEQKKRNG IMTNPNYHLQ SNQVFLGRVS
VPRTMQDRGH QEVLEGYPS ETELSLKQAL KLQIEGSDPS FNYKKETPL **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:	ANKRD50
Alternative Name:	ANKRD50 (ANKRD50 Products)
Background:	Ankyrin repeat domain-containing protein 50,FUNCTION: Involved in the endosome-to-plasma membrane trafficking and recycling of SNX27-retromer-dependent cargo proteins, such as GLUT1 (PubMed:25278552).
Molecular Weight:	155.9 kDa
UniProt:	Q9ULJ7

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