

Datasheet for ABIN7558364

ANKRD24 Protein (AA 1-985) (His tag)



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Overview

Quantity:	1 mg
Target:	ANKRD24
Protein Characteristics:	AA 1-985
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANKRD24 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ankrd24 Protein expressed in mammalian cells.
Sequence:	MKTLRARFKK TEGQDWGKSD QRLQAVENN DVARVASLIA HKGLVPTKLD PEGKSAFHIA AMRGAAGCLE VMLAQGADVMD STDGAGYNAL HLAAKYGHPE CLKQLLEASC VVDIEDSSGW TALHHAAAGG CLSCSKLLCS FKAHMNPRDR SGATPLIIAA QMCHTDLCRL LLQQGAATND QDLQGR TALM LACEGGSPET VEVLLQGGAQ LSITDALGQD ATHYGALTGD KLILQLLHES ARRSSPPSAS LEEDSGEASS QNSVSSHEKQ GAPKKRKAPQ PPASTPVPDD RDAYEEIVRL RQERGRLLQK IRGLEQHKER RRKEPLEAEA SSVHSLERQV QELQQM LAEK QEEKESLGRE VESLQSRLSL LENERENTSY DVATLQDEEG EMPDFPGADA LMPKNQSPSA EEIVASLQEQ VAQLTRQNQE LLEKVQILEE FEKDEAQMAE ESQAEVVPLV LYESLRAELE QLRRQYTEAM HSQQQQQEGE PPRAQEGEET AYQEIKDKGI TIQNGPSVPD LNGTTYAETK ANGMELQAGG SKGVWNTEAG VSEAAPIEPE AAGSEATGKD RLAAKEMDTS ATMAEALNVK ALGDNAESEP VAAEDTGGKE NPGMKADEVD VLAQAGLTGT VIRNMEAIGV RDTGIQATGL EAKAVKTTGV QATVAEVIGV KVTGVQTTAI EAIGVKDTTQ VATGAQADCW QATEADCTGA QDTAMEPTGA

Product Details

QATVTETTEA ETSGTEDPCA AILHPGAAAA ALQAELETRI RGLLEEALRRR EREAAAELEA
ARGRFAEAE AARGRSRELE ALRELLATAT ATGERARTEA AELRQALAAS EARVAELSST
VDAAREELER MRGASVPADE HEHALSALRD HVTRLQAQLA DLARRHEKTS AEVFQITDLS
KEVFTLKEAL KVQQSTPASS KEEELRGQV TALQQQIQEE AREHGAVVAL YRTHLLYAIQ
GQMDEDVQCI LSQILQMQR LQAQGR **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:	ANKRD24
Alternative Name:	Ankrd24 (ANKRD24 Products)
Background:	Ankyrin repeat domain-containing protein 24,FUNCTION: Component of the stereocilia rootlet in hair cells of inner ear. Bridges the apical plasma membrane with the lower rootlet and maintains normal distribution of TRIOBP, thereby reinforcing stereocilia insertion points and organizing rootlets for hearing with long-term resilience. {ECO:0000269 PubMed:35175278}.

Target Details

Molecular Weight:	106.2 kDa
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UniProt:	Q80VM7
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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.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	The buffer composition is at the discretion of the manufacturer.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-80 °C
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Storage Comment:	Store at -80°C.
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Expiry Date:	12 months
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