

Datasheet for ABIN7552285

ANKRD24 Protein (AA 1-1146) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ANKRD24
Protein Characteristics:	AA 1-1146
Origin:	Human
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 TELRLSPTDL GSCPPCGPCP IPKPAARGRR QSQDWGKSDE RLLQAVENND APRVAALIAR KGLVPTKLDP EGKSAFHLLA MRGAASCLEV MIAHGNSVMS ADGAGYNALH LAAKYGHPQC LKQLLQASCV VDVVDSSGWT ALHHAAAGGC LSCSEVLCSF KAHLNPQDRS GATPLIAAQ MCHTDLRLL LQQGAAANDQ DLQGR TALML ACEGASPETV EVLLQGGAQP GITDALGQDA AHYGALAGDK LILHLLQEAA QRPSPPSALT EDDSGEASSQ NSMSSHGKQG APKKRKAPPP PASIPMPDDR DAYEEIVRLR QERGRLLQKI RGLQHKERR QQESPEASSL HILERQVQEL QQLLVERQEE KESLGREVES LQSRLSLEN ERENTSYDVT TLQDEEGELP DLPGAEVLLS RQLSPSAQEH LASLQEQVAV LTRQNQELME KVQILENFEK DETQMEVEAL AEVIPLALYD SLRAEFDQLR RQHAEALQAL RQKETREVPR EEGAACGESE VAGATATKNG PTHMELNGSV APETKVNGAE TIDEEAAGDE TMEARTMEAE ATGAEATGAE ATGAKVTETK PTGAEVREME TTEEEANMET KPTGAQATDT ETTGVEAMGV EATKTKAEEA EMQAYGVGAG QAEPPTGTGTT NMEATGSRAT GMESTGVSAT GVENPGVEAT VPGISAGPIL HPGAAEASEK

Product Details

LQVELETRIR GLEEALRQRE REAAAELEAA LGKCEAAEAE AGRLRERVRE AEGSGASGGG
GGDTTQLRAA LEQAREDLRD RDSRLRELEA ASACLDEARA SRLLAEEEAR GLRAELAQRE
EARLEQSREL EVLREQLATA RATGEQQRTA AAELGRARDA AEARVAELPA ACEEARQGLA
ELREASEALR QSVVPASEHR RLQEEALELR GRAASLEQEV VATGKEAARL RAELERERV
SVALSEHERI VGTLQANVAQ LEGQLEELGR RHEKTSAEVF QVQREALFMK SERHAAEAQL
ATAEQQLRGL RTEAERARQA QSRAQEALDK AKEKDKKITE LSKEVFNLKE ALKEQPAALA
TPEVEALRDQ VKDLQQQLQE AARDHSSVVA LYRSHLLYAI QGQMDDEDVQR ILSQILQMQR
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

Target Details

	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:0000250 UniProtKB:Q80VM7}.
Molecular Weight:	124.2 kDa
UniProt:	Q8TF21

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