

Datasheet for ABIN7557894
ANKRD6 Protein (AA 1-712) (His tag)



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Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | ANKRD6 |
| Protein Characteristics: | AA 1-712 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ANKRD6 protein is labelled with His tag. |

Product Details

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|-----------|--|
| Purpose: | Custom-made recombinant Ankrd6 Protein expressed in mammalian cells. |
| Sequence: | MSQQDAVAAL SERLLIAAYK GQTENVVQLI NKGAKVAVTK HGRTPLHLAA NKGHLSVVQI LLKAGCDLDV QDDGDQ TALH RATVVGNT EI LTALIREGCA LDRQDKDGNT ALHEAAWHGF SQSAKLLVKA GANVLARNKA GNTALHLACQ NSHSQSTRIL LLGGSRADLK NNAGDTCLHV AARYNHLSVV RLLLNAFCSV HEKNQAGDTA LHVAAALNHK KVVKVLLEAG ADTTIVNNAG QTPLETARYH NNPEVALLT KAPQILRFSR GRSLRKRER LKEERRAQSV PRDEVAQSKG SVSAGDTPSS EQAVPQKEEA RRDCPPASQE PRKDERRRKS RPEVSALSDP TPAADQPPGH QKNLHSHHHP KKKSRHRCWS PPPPHGFRAY QLYTLYRGED GKVMQAPIKG CRCEPLINKL ENQLEATVEE IRAELGSVQD KVNAKLGQME SKTQHQMCVL DKLMVERLSA ERTECMNRLQ QHAAAEKQEG EKRMQLVDE LKAWCMLKIQ SLELRLSGES RTFRAKSTPP PSDSTPAVDQ PVVAAGPGAA SDSSSQVVRP KDKALNASAA HSHQQELPPS DCTGSGLRKI KAPGASRCDQ QTGSCVNRGT QTKKSGRSGQ TKHRGQQPTA SSPSGQQPSA ASSDVRDASQ ALELTQYFFE AVSAQMEKWY ERKIEEARSQ ASQKAQDEA TLKEHIRSLE EELARLRTKV QK Sequence without |

Product Details

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: ANKRD6

Alternative Name: Ankrd6 ([ANKRD6 Products](#))

Background: Ankyrin repeat domain-containing protein 6 (Diversin),FUNCTION: Recruits CKI-epsilon to the beta-catenin degradation complex that consists of AXN1 or AXN2 and GSK3-beta and allows efficient phosphorylation of beta-catenin, thereby inhibiting beta-catenin/Tcf signals. {ECO:0000269|PubMed:12183362}.

Molecular Weight: 78.0 kDa

UniProt: [Q69ZU8](#)

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
