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Datasheet for ABIN7552217
ANKRD1 Protein (AA 1-319) (His tag)

Overview

Quantity:	1 mg
Target:	ANKRD1
Protein Characteristics:	AA 1-319
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANKRD1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat ANKRD1 Protein expressed in mammalian cells.
Sequence:	MMVLKVEELV TGKKNNGEA GEFLPEDFRD GEYEA AVTLE KQEDLKTLLA HPVTLGEQQW KSEKQREAEL KKKKLEQRSK LENLEDLEII IQLKKRKKYR KTKVPVVKEP EPEIITEPVD VPTFLKAALE NKLPVVEKFL SDKNNPDVCD EYKRTALHRA CLEGLAIVE KLMEAGAQIE FRDMLESTAI HWASRGGNLD VLKLLLNKGA KISARDKLLS TALHVAVRTG HYECAEHLIA CEADLNKDR EGDTPHDAV RLNRYKMIRL LIMYGADLNI KNCAGKTPMD LVLHWQNGTK AIFDSLRENS YKTSRIATF 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: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	ANKRD1
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Alternative Name:	ANKRD1 (ANKRD1 Products)
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Background:	Ankyrin repeat domain-containing protein 1 (Cardiac ankyrin repeat protein) (Cytokine-inducible gene C-193 protein) (Cytokine-inducible nuclear protein),FUNCTION: May play an important role in endothelial cell activation. May act as a nuclear transcription factor that negatively regulates the expression of cardiac genes. Induction seems to be correlated with apoptotic cell death in hepatoma cells. {ECO:0000269 PubMed:15805281, ECO:0000269 PubMed:7730328}.
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Molecular Weight:	36.3 kDa
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UniProt:	Q15327
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Pathways:	Cellular Response to Molecule of Bacterial Origin, Regulation of Lipid Metabolism by PPARalpha , Positive Regulation of Response to DNA Damage Stimulus
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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.
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Application Details

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