

Product datasheet for **AR50542PU-S**

ANKRD1 (1-319, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	ANKRD1 (1-319, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMMVLKVE ELVTGKKNGN GEAGEFLPED FRDGEYEA AV TLEKQEDLKT LLAHPVTLGE QQWKSEKQRE AELKKKKLEQ RSKLENLEDL EIIIQLKKRK KYRKT KVPVW KEPEPEIITE PVDVPTFLKA ALENKLPVVE KFLSDKNNPD VCDEYKRTAL HRACLEGHLA IVEKLMEAGA QIEFRDML ES TAIHWASRGG NLDVLKLLLN KGAKISARDK LLSTALHVAV RTGHYECAEH LIACEADLNA KDREGDTPLH DAVRLNRYKM IRLIMYGAD LNIKNCAGKT PMDLVLHWQN GTKAIFDSL R ENSYKTSRIA TF
Tag:	His-tag
Predicted MW:	38.6 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.5) containing 0.2M NaCl, 50% glycerol, 5 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ANKRD1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_055206
Locus ID:	27063
UniProt ID:	Q15327 , A0A384NYH5
Cytogenetics:	10q23.31
Synonyms:	ALRP; bA320F15.2; C-193; CARP; CVARP; MCARP



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Summary:

The protein encoded by this gene is localized to the nucleus of endothelial cells and is induced by IL-1 and TNF-alpha stimulation. Studies in rat cardiomyocytes suggest that this gene functions as a transcription factor. Interactions between this protein and the sarcomeric proteins myopalladin and titin suggest that it may also be involved in the myofibrillar stretch-sensor system. [provided by RefSeq, Jul 2008]

Product images: