

Recombinant Human ANKRD1 Protein, His-tagged

Cat. No. ANKRD1-586H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANKRD1(Val6~Leu291) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val6~Leu291
Description	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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	36.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	ANKRD1 ankyrin repeat domain 1 (cardiac muscle) [Homo sapiens]
Official Symbol	ANKRD1
Synonyms	ANKRD1; ankyrin repeat domain 1 (cardiac muscle); ankyrin repeat domain-containing protein 1; ALRP; C 193; CARP; CVARP; MCARP; liver ankyrin repeat domain 1; cardiac ankyrin repeat protein; cytokine-inducible nuclear protein; cytokine-inducible gene C-193 protein; C-193; bA320F15.2;
Gene ID	27063
mRNA Refseq	NM_014391
Protein Refseq	NP_055206
MIM	609599
UniProt ID	Q15327

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