

Recombinant Human ANKRD1 protein, T7/His-tagged

Cat. No. ANKRD1-235H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ANKRD1 cDNA (2–319 aa) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-319 a.a.
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Sucrose.
AA Sequence	MASMTGGQQMGRGHHHHHHENLYFQGGEFMVLKVEELVTGKKNGNGEAGEFLPE DFRDGEYEA AVTLEKQEDLKT LLAHPVTLGEQQWKSEKQREAE LKKKLEQ RSKLE NLEDLEIIIIQLKKRKKYRKTKVPVVEKEPEPEIITEPVDVP TFLKAALENKLPVVEKFLSD KNNPDVCDEYKRTALHRACLEGHLAIVEKLMEAGAQIEFRDMLESTAIHWASRGG N LDVLKLLL NKGAKISARDKLLSTALHVAVRTGHYECAEHLIACEADLNAKDREGDTPL HDAVRLNRYKMIRLLI MYGADLNIKNCAGKTPMDLVLHWQNGTKAIFDSLRENSYKT SRIATF
Purity	>90% by SDS-PAGE
Storage	Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

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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
Chromosome Location	10q23.33
Pathway	Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Hypertrophy Model, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; PPARA Activates Gene Expression, organism-specific biosystem; Regulation of Lipid Metabolism by Peroxisome proliferator-activated receptor alpha (PPARalpha), organism-specific biosystem;

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Function

DNA binding; R-SMAD binding; RNA polymerase II transcription coactivator activity; RNA polymerase II transcription factor binding; histone deacetylase binding; p53 binding; protein binding; titin binding; transcription corepressor activity;

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