

Recombinant Human ANKRD1 protein, GST-tagged

Cat. No. ANKRD1-570H Lot. No. (See product label)

SPECIFICATION

Product Overview Human ANKRD1 full-length ORF (AAH18667, 1 a.a. - 319 a.a.) recombinant protein with GST-tag at N-terminal.

Species Human

Source Wheat Germ

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. [provided by RefSeq, Jul 2008]

Molecular Mass 60.83 kDa

AA Sequence
 MMVLKVEELVTGKKNGNGEAGEFLPEDFRDGEYEA AVTLEKQEDLKTLLAHPVTLG
 EQQWKSEKQREAELKKKKLEQRSKLENLEDEIIIQLKKRKKYRKAKVPVVKEPEPEII
 TEPVDVPTFLKAALENKLPVVEKFLSDKNNPDVCDEYKRTALHRACLEGHLAIVEKL
 MEAGAQIEFRDMLESTAIHWASRGGNLDVLKLLLKNGAKISARDKLLSTALHVAVRT
 GHYECAEHLIACEADLNAKDREGDTPLHDAVRLNRYKMIRLLIMYGADLNIKNCAGK
 TPMDLVLHWQNGTKAIFDSLRENSYKTSRIATF

Applications Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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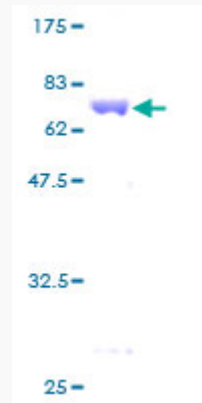
 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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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12.5% SDS-PAGE Stained with Coomassie Blue.

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