

Recombinant Human armadillo repeat containing 10, His-tagged

Cat. No. ARMC10-569H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ARMC10, 28-308aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	28-308 a.a.
Description	<p>AMRC10 is a protein that contains an armadillo repeat and transmembrane domain. The protein decreases the transcriptional activity of the tumor suppressor protein p53 through direct interaction with the DNA-binding domain of p53, and may play a role in cell growth and survival. Upregulation of this gene may play a role in hepatocellular carcinoma. Recombinant human AMRC10 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.</p>
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	33.6kDa (304aa) confirmed by MALDI-TOF
AA Sequence	<p>MGSSHHHHHH SSGLVPRGSH MGSTRGRRRG DRELGIRSSK SAEDLTDGSY DDVLNAEQLQ KLLYLLESTE DPVIERALI TLGNNAAFSV NQAIIRELGG IPIVANKINH SNQSIKEKAL NALNNLSVNV ENQIKIKIYI SQVCEDVFSG</p>

 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

PLNSAVQLAG LLLLNTMTVT NDHQHMLHSY ITDLFQVLLT GNGNTKVQVL
 KLLLNLSENP AMTEGLLRAQ VDSSFLSLYD SHVAKEILLR VLTLFQNIKN
 CLKIEGHLAV QPTFTEGSLF FLLHGEECAQ KIRALVDHHD AEVKEKVVTI IPKI

Purity >85% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 1mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [ARMC10 armadillo repeat containing 10 \[Homo sapiens \]](#)

Official Symbol ARMC10

Synonyms ARMC10; armadillo repeat containing 10; armadillo repeat-containing protein 10; MGC3195; specific Splicing Variant involved in Hepatocarcinogenesis; SVH; splicing variant involved in hepatocarcinogenesis protein; specific splicing variant involved in hepatocarcinogenesis; PNAS112; PNAS-112; PSEC0198; FLJ37850;

Gene ID [83787](#)

mRNA Refseq [NM_001161009](#)

Protein Refseq [NP_001154481](#)

MIM [611864](#)

UniProt ID [Q8N2F6](#)

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Chromosome Location	7q22.1
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Function	binding;
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