

Recombinant Human ARVCF protein, GST-tagged

Cat. No. ARVCF-875H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARVCF partial ORF (NP_001661, 863 a.a. - 962 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Armadillo Repeat gene deleted in Velo-Cardio-Facial syndrome (ARVCF) is a member of the catenin family. This family plays an important role in the formation of adherens junction complexes, which are thought to facilitate communication between the inside and outside environments of a cell. The ARVCF gene was isolated in the search for the genetic defect responsible for the autosomal dominant Velo-Cardio-Facial syndrome (VCFS), a relatively common human disorder with phenotypic features including cleft palate, conotruncal heart defects and facial dysmorphism. The ARVCF gene encodes a protein containing two motifs, a coiled coil domain in the N-terminus and a 10 armadillo repeat sequence in the midregion. Since these sequences can facilitate protein-protein interactions ARVCF is thought to function in a protein complex. In addition, ARVCF contains a predicted nuclear-targeting sequence suggesting that it may have a function as a nuclear protein. [provided by RefSeq, Jun 2010]
Molecular Mass	36.74 kDa
AA Sequence	LSPGGFDDSTLPLVDKSLEGEKTGSRDVIPMDALGPDGYSTVDRRERRPRGASSAG

 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

EASEKEPLKLDPSRKAPPPGPSRPAVRLVDAVGDAKPQPVDSWV

Applications

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

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

ARVCF armadillo repeat gene deleted in velocardiofacial syndrome [Homo sapiens]

Official Symbol

ARVCF

Synonyms

ARVCF; armadillo repeat gene deleted in velocardiofacial syndrome; armadillo repeat protein deleted in velo-cardio-facial syndrome; FLJ35345;

Gene ID

421

mRNA Refseq

NM_001670

Protein Refseq

NP_001661

MIM

602269

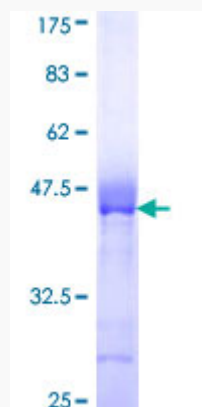
UniProt ID

O00192

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12.5% SDS-PAGE Stained with Coomassie Blue.

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