Recombinant ARVC protein (His tag)

Catalog Number	539382
Synonyms	Armadillo repeat protein deleted in velo-cardio-facial syndrome
Species	Human
Expression System	E. coli
Accession	O00192
Molecular Weight	Predictes a molecular mass of 28.66 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 30 kDa band.

Product Information

Sequence Region	355-593
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Protein Construction	DNA encoding 355-593 aa (O00192) were fused with 6His tag.

Storage & Handling

Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Storage	Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Description

Description	Recombinant ARVCF Fragment (aa 355-593): A high-quality, soluble protein fragment derived from the human splicing regulator ARVCF, designed for structural and biochemical studies of alternative splicing mechanisms. The full-length ARVCF protein contributes to the regulation of alternative splicing of pre-mRNAs, playing a critical role in post-transcriptional gene expression. It localizes to multiple subcellular compartments, including the nucleus, cytoplasm, and cell junctions such as adherens junctions, with specific localization in heart tissue at the area composita—a mixed junctional structure. This fragment (aa 355-593) was selected for its stability and solubility, enabling focused investigations into ARVCF's functional domains without the complexities of the full-length protein.