Recombinant human ANKRD1 protein

Catalog Number: ATGP1718

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-319aa

UniProt No.
Q15327

NCBI Accession No.
NP_055206

Alternative Names
Ankyrin repeat domain-containing protein 1, ALRP, bA320F15.2, C-193, CARP, CVARP, MCARP

PRODUCT SPECIFICATION

Molecular Weight
38.6 kDa (342aa) confirmed by MALDI-TOF

Concentration
0.25mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.5) containing 0.2M NaCl, 50% glycerol, 5mM DTT

Purity
> 85% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
Ankyrin repeat domain-containing protein 1, also known as ANKRD1, may play an important role in endothelial cell activation. This protein may act as a nuclear transcription factor that negatively regulates the expression of cardiac genes. Recombinant human ANKRD1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence
<MGSSHHHHHH SSGLVPRGSH MGSM>MVLKVE ELVTGKKNGN GEAGEFLPED FRDGEYEAAV TLEKQEDLKT

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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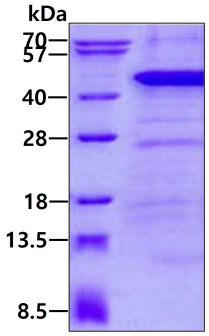
LLAHPVTLGE QQWKSEKQRE AELKKKKLEQ RSKLENLEDL EIIIQLKKRK KYRKTKVPVV KEPEPEIITE PVDVPTFLKA ALENKLPVVE KFLSDKNNPD VCDEYKRTAL HRACLEGHLA IVEKLMEAGA QIEFRDMLES TAIHWASRGG NLDVLKLLLN KGAKISARDK LLSTALHVAV RTGHYECAEH LIACEADLNA KDREGDTPLH DAVRLNRYKM IRLLIMYGAD LNIKNCAGKT PMDLVLHWQN GTKAIFDSLR ENSYKTSRIA TF

General References

Chu W., et al. (1995) J. Biol. Chem. J. Biol. Chem. 270:10236-10245
Park J.-H., et al. (2005) Cancer Res. 65:2804-2814

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.