

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 SGLVPRGSH MGSM>MVLKVE ELVTGKKNGN GEAGEFLPED FRDGEYAAV TLEKQEDLKT

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LLAHPVTLGE QQWKSEKQRE AELKKKKLEQ RSKLENLEDL EIIIQLKKRK KYRKTTPVPV KEPEPEIITE PVDVPTFLKA
ALENKLPVVE KFLSDKNNPD VCDEYKRTAL HRACLEGLA IVEKLMEAGA QIEFRDMLLES TAIHWASRGG NLDVLKLLL
KGAKISARDK LLSTALHVAV RTGHYECAEH LIACEADLNA KDREGDTPLH DAVRLNRYKM IRLIMYGAD LNIKNCAGKT
PMDLVLHWQN GTKAIFDSLRE ENSYKTSRIA TF

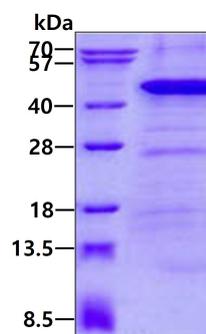
General References

Chu W., et al. (1995) 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.