

ANKRD1 Human

Description:ANKRD1 Human Recombinant produced in E. coli is a single polypeptide chain containing 342 amino acids (1-319) and having a molecular mass of 38.6 kDa. ANKRD1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #:PRPS-1226

For research use only.

Synonyms:Ankyrin Repeat Domain 1 (Cardiac Muscle), Cardiac Ankyrin Repeat Protein, Cytokine-Inducible Gene C-193 Protein, Ankyrin Repeat Domain-Containing Protein 1, Cytokine-Inducible Nuclear Protein, Liver Ankyrin Repeat Domain 1, BA320F15.2, CARP, ALRP, CVARP,

Source:E.coli.

Physical Appearance:Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGS MMVLKVE ELVTGKKNGN
GEAGEFLPED FRDGEYEAHV TLEKQEDLKT LLAHPVTLGE QQWKSEKQRE AELKKKKLEQ
RSKLENLEDL EIIQLKKRK KYRKTVPV KEPEPEITE PVDVPTFLKA ALENKLPVVE
KFLSDKNNPD VCDEYKRTAL HRACLEGH LA IVEKLMEAGA QIEFRDMLES TAIHWASRG
NLDVLKLLN K

Purity:Greater than 85% as determined by SDS-PAGE.

Formulation:

The ANKRD1 solution contains 20mM Tris-HCl buffer (pH 8.5), 0.2M NaCl, 5mM DTT and 50% glycerol.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

ANKRD1 takes part in endothelial cell activation and performs as a nuclear transcription factor which negatively controls the expression of cardiac genes.

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