

Ankyrin Repeat Domain 1 Human Recombinant

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| Item Number | rAP-2782 |
| 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, |
| 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. |
| Uniprot Accession Number | Q15327 |
| Amino Acid Sequence | MGSSHHHHH SSGLVPRGSH MGS MMVLKVE ELVTGKKNNGN GEAGEFLPED FRDGEYEA AV TLEKQEDLKT LLAHPVTLGE QQWKSEKQRE AELKKKKLEQ RSKLENLEDL EIIIQLKKRK KYRKTKVPV KEPEPEIITE PVDVPTFLKA ALENKLPVVE KFLSDKNNPD VCDEYKRTAL HRACLEGH LA IVEKLM EAGA QIEFRDMLES TAIHWASRGG NLDVLKLLN KGAKISARDK LLSTALHVAV RTGHYEC AEH LIACEADLNA KDREGDTPLH DAVRLNRYKM IRLIMYGAD LNIKN CAGKT PMDLVLHWQN GTKAIFDSL R EN- SYKTSRIA TF |
| Source | E.coli. |
| Physical Appearance and Stability | Sterile Filtered colorless solution. 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. |
| Formulation and Purity | The ANKRD1 solution contains 20mM Tris-HCl buffer (pH 8.5), 0.2M NaCl, 5mM DTT and 50% glycerol. Greater than 85% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**