

---

## Product Data Sheet

---

Product Name: ANKRD1 Human  
 Cat. No.: GP22721  
 Batch No.: 1

### Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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; MCARP; HA1A2; C193.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGS MMVLKVE ELVTGKKNGN GEAGEFLPED FRDGEYEA AV TLEKQEDLKT LLAHPVTLGE QQWKSEKQRE AELKKKKLEQ RSKLENLEDL EIIIQLKKRK KYRKT KVPV KEPEPEIITE PVDVPTFLKA ALENKLPVVE KFLSDKNNPD VCDEYKRTAL HRACLEGLA IVEKLMEAGA QIEFRDML ES TAIHWASRGG NLDVLKLLLN KGAKISARDK LLSTALHVAV RTGHYECAEH LIACEADLNA KDREGDTPLH DAVRLNRYKM IRLIMYGAD LNIKNCAGKT PMDLVLHWQN GTKAIFDSL R ENSYKTSRIA TF		
Formulation	The ANKRD1 solution contains 20mM Tris-HCl buffer (pH 8.5), 0.2M NaCl, 5mM DTT and 50% glycerol.		

### Introduction

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

### 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.

### Background

ANKRD1 Human Recombinant produced in E. coli is a single polypeptide chain containing

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

## Product Data Sheet

---

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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

**Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com**

**Address: 10292 Central Ave. #205, Montclair, CA, USA**