



# Recombinant Human Ankyrin repeat domain-containing protein 1 (ANKRD1)

<b>Product Code</b>	CSB-YP618002HU
<b>Abbreviation</b>	ANKRD1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q15327
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MMVLKVEELV TGKKNNGEA GEFLPEDFRD GEYEA AVTLE KQEDLKTLLA HPVTLGEQQW KSEKQREAEL KKKKLEQRSK LENLEDLEII IQLKKRKKYR KTKVPVVKEP EPEIITEPVD VPTFLKAALE NKLPVVEKFL SDKNNPDVCD EYKRTALHRA CLEGH LAIVE KLMEAGAQIE FRDMLESTAI HWASRGGNLD VLKLLL NKGA KISARDKLLS TALHVAVRTG HYECAEHLIA CEADLNAKDR EGDTPLHDAV RLNRYKMIRL LIMYGADLNI KNCAGKTPMD LVLHWQNGTK AIFDSLRENS YKTSRIATF
<b>Source</b>	Yeast
<b>Target Names</b>	ANKRD1
<b>Protein Names</b>	Recommended name: Ankyrin repeat domain-containing protein 1 Alternative name(s): Cardiac ankyrin repeat protein Cytokine-inducible gene C-193 protein Cytokine-inducible nuclear protein
<b>Expression Region</b>	1-319
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein is localized to the nucleus of endothelial cells and is induced by IL-1 and TNF-alpha stimulation. Studies in rat cardiomyocytes suggest that this gene functions as a transcription factor. Interactions between this protein and the sarcomeric proteins myopalladin and titin suggest that it may also be involved in the myofibrillar stretch-sensor system.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

---

**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.