



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

Product Code	CSB-MP618002HU
Abbreviation	ANKRD1
Storage	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.
Uniprot No.	Q15327
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MMVLKVEELV TGKKNNGEA GEFLPEDFRD GEYEA AVTLE KQEDLKTLLA HPVTLGEQQW KSEKQREAEL KKKKLEQRSK LENLEDLEII IQLKRRKKYR KTKVPVVKEP EPEIITEPVD VPTFLKAALE NKLPVVEKFL SDKNNPDVCD EYKRTALHRA CLEGH LAIVE KLMEAGAQIE FRDMLESTAI HWASRGGNLD VLKLLL NKGA KISARDKLLS TALHVAVRTG HYECAEHLIA CEADLNAKDR EGDTPLHDAV RLNRYKMIRL LIMYGADLNI KNCAGKTPMD LVLHWQNGTK AIFDSLRENS YKTSRIATF
Source	Mammalian cell
Target Names	ANKRD1
Protein Names	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
Expression Region	1-319
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	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.