

# Recombinant Human ANKDD1A protein, His-tagged

**Cat. No.** ANKDD1A-3712H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ANKDD1A protein(1-266 aa), fused to His tag, was expressed in E. coli.                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 1-266 aa                                                                                                                                                                                                                                                                                    |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.         |
| <b>AA Sequence</b>      | MNALLLSAWFGHLRILQILVNSGAKIHCESKDGLTLLHCAAQKGHPVLAFIMEDLED<br>VALDHVDKLGRTAFHRAAEHGQLDALDFLVGSGCDHNVKDKEGNTALHLAAGRGH<br>MAVLQRLVDIGLDLEEQNAEGLTALHSAAGGSHPDCVQLLL RAGSTVNALTQKNLS<br>CLHYAALSGSEDVSRVLIHAGGCANVVDHQGASPLHLAVRHNFPALVRLLINSDSDV<br>NAVDNRQQTPLHLAAEHAWQDIADMLLIAGVDLNL RDKDH |
| <b>Purity</b>           | 98%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                    |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.                                                        |

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**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

**GENE INFORMATION**

**Gene Name** ANKDD1A ankyrin repeat and death domain containing 1A [ Homo sapiens ]

**Official Symbol** ANKDD1A

**Gene ID** 348094

**mRNA Refseq** NM\_182703.3

**Protein Refseq** NP\_874362.3

**UniProt ID** Q495B1

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