# Recombinant Human ACD protein, His-tagged

**Cat. No.** ACD-3725H **Lot. No.** (See product label)

## SPECIFICATION

| | |
|---|---|
| **Product Overview** | Recombinant Human ACD protein(1-351 aa), fused to His tag, was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 1-351 aa |
| **Form** | The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| **AA Sequence** | MPGRCQSDAAMRVNGPASRAPAGWTSGSLHTGPRAGRPRAQARGVRGRGLLLR PRPAKELPLPRKGGAWAPAGNPGPLHPLGVAVGMAGSGRLVLRPWIRELILGSETP SSPRAGQLLEVLQDAEAAVAGPSHAPDTSDVGATLLVSDGTHSVRCLVTREALDTS DWEEKEFGFRGTEGRLLLLQDCGVHVQVAEGGAPAEFYLQVDRFSLLPTEQPRLR VPGCNQDLDVQKKLYDCLEEHLSESTSSNAGLSLSQLLDEMREDQEHQGALVCLAE SCLTLEGPCTAPPVTHWAASRCKATGEAVYTVPSSMLCISENDQLILSSLGPCQRTQ GPELPPPDPALQDLSLTL |
| **Purity** | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| **Storage** | 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 |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|---|---|
| | containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles. |
| **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** | ACD adrenocortical dysplasia homolog (mouse) [ Homo sapiens ] |
| **Official Symbol** | ACD |
| **Synonyms** | ACD; adrenocortical dysplasia homolog (mouse); adrenocortical dysplasia protein homolog; Pip1; POT1 and TIN2 organizing protein; Ptop; TIN2 interacting protein 1; Tint1; Tpp1; POT1 and TIN2-interacting protein; PIP1; PTOP; TPP1; TINT1; |
| **Gene ID** | 65057 |
| **mRNA Refseq** | NM_001082486 |
| **Protein Refseq** | NP_001075955 |
| **MIM** | 609377 |
| **UniProt ID** | Q96AP0 |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA