

Recombinant Human ACD Protein, GST-Tagged

Cat. No. ACD-154H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACD full-length ORF (AAH16904, 1 a.a. - 544 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein that is involved in telomere function. This protein is one of six core proteins in the telosome/shelterin telomeric complex, which functions to maintain telomere length and to protect telomere ends. Through its interaction with other components, this protein plays a key role in the assembly and stabilization of this complex, and it mediates the access of telomerase to the telomere. Multiple transcript variants encoding different isoforms have been found for this gene. This gene, which is also referred to as TPP1, is distinct from the unrelated TPP1 gene on chromosome 11, which encodes tripeptidyl-peptidase I. [provided by RefSeq, Jul 2008]
Molecular Mass	61.2 kDa
AA Sequence	MGTEKESPEPDCQKQFQAAVSVIQNLPKNGSYRPSYEEMLRFYSSYYKQATMGPCLVPRPGFWDPIGRYKWDANS LGKMSREEAMSAYITEMKLVAQKVIDTVPLGEVAEDMFGYFEPLYQVIPDMRPPETFLRRVTGWKEQVVNGDVGAVSEPPCLPKEPAPPSPESHSPRDL DSEVFCDSLEQLPELVWTEQRAASGGKRDRNSPVPPTKKEGLRGSPPGPQELDVLLGTVRALQESMQEVQARVQSLESMPRPPEQRPQPRPSARPWPL

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GLPGPALLFFLLWPFVVQWLFRMFRTQKR

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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](#)

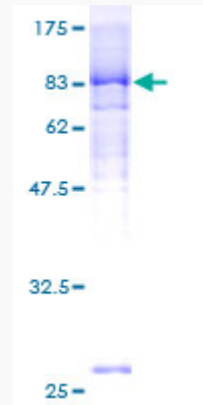
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UniProt ID

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