

Recombinant Full Length Human ACD Protein, GST-tagged

Cat. No. ACD-776HF **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	In Vitro Cell Free System
ProteinLength	544 amino acids
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	MGTEKESPEP DCQKQFQAAV SVIQNLPKNG SYRPSYEEML RFYSYYKQAT MGPCLVPRPG FWDPIGRYKW DAWNSLGKMS REEAMSAYIT EMKLVAQKVI DTVPLGEVAE DMFGYFEPLY QVIPDMRPP ETFLRRVTGW KEQVVNGDVG AVSEPPCLPK EPAPPSPESH SPRDL DSEVF CDSLEQLEPE LVWTEQRAAS

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GGKRDPRNSP VPPTKKEGLR GSPPGPQELD VWLLGTVRAL QESMQEVQAR
VQSLESMPRP PEQRPQPRPS ARPWPLGLPG PALLFFLLWP FVVQWLFRMF
RTQKR

Applications

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

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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