



# Recombinant Rat Adrenocortical dysplasia protein homolog (Acd)

<b>Product Code</b>	CSB-EP677933RA-B
<b>Abbreviation</b>	Acd
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q4FZR5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSNSGRLVLR PWIRELILGS ETLSSPQAGH LLKVLQDSET PGPSSAPDTP DTGAVLLVSD GTHSVRCVVT RNAIDTSDWE EKEFGFRGTE GRLLLLQACG LRIQVAQDYA PAEFYLQVDR FNLLPTEQPR VQVTGCNQDS DVQKKNLNCLE DHLSSESASS SAGLTLSQLL DEVKEDGDHR GALVRLAESC LVLQGPFTAR PLTHWATSCS QATEEAVFTV PSFLLHIEN EEQILSSIDS SQKAQENPAS PSLMPQEESG ASVSLLSALP TSDPGQKDNS QPPPTVCSTS PRAQAPSSTP CSSTPSSPLL TCSPSLSPLR HAPTSYQACE TRTQFHKLEF RELQWPIKRR QLLPRTGAQE PHSVWEPPER HRDTSAFQYK YGTPSASLHT QVQTARLSPQ LVAWALNIVM ESELPQV
<b>Source</b>	E.coli
<b>Target Names</b>	Acd
<b>Protein Names</b>	Recommended name: Adrenocortical dysplasia protein homolog
<b>Expression Region</b>	1-417
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.

**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**

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