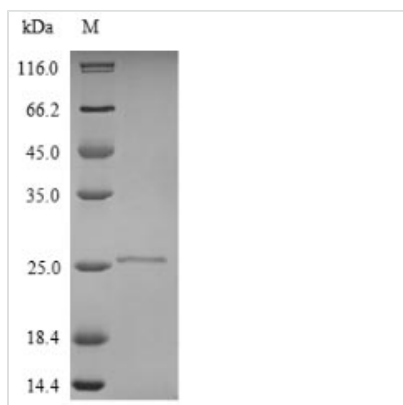




# Recombinant Streptococcus pyogenes serotype M1 Adenine phosphoribosyltransferase (apt)

<b>Product Code</b>	CSB-YP001954SMT
<b>Relevance</b>	Catalyzes a salvage reaction resulting in the formation of AMP, that is energetically less costly than de novo synthesis.
<b>Abbreviation</b>	Recombinant Streptococcus pyogenes serotype M1 apt protein
<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>	P63546
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Streptococcus pyogenes serotype M1
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	MDLTNYIASIKDYPKAGITFRDISPLMADGKAYSYAIREIAQYACDKDIDMVVGP EARGFIIGCPVAVELGIGFAPVRKPGKLPDVVSADYEKEYGLDTLTMHADA PGQRVLIVDDLLATGGTVKATIEMIEKLGIVAGCAFLIELEGLNGRHAIRNYDY KVLMMQFPG
<b>Research Area</b>	others
<b>Source</b>	Yeast
<b>Target Names</b>	apt
<b>Protein Names</b>	Recommended name: Adenine phosphoribosyltransferase Short name= APRT EC= 2.4.2.7
<b>Expression Region</b>	1-172aa
<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>	N-terminal 10xHis-tagged and C-terminal Myc-tagged
<b>Mol. Weight</b>	22.7kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### 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

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.