

## Product datasheet for **AR51801PU-N**

### Cyclophilin A (1-164, His-tag) Human Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Cyclophilin A (1-164, His-tag) human recombinant protein, 0.5 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSMVNPTVF FDITADDEPL GRVSFELFAD KVPKTAENFR ALSTGEKGFY YKGSSFHRII PGFMCQGGDF TRHNGTGGRS IYGEKFEDEN FILKHTGPGI LSMANAGPNT NGSQFFICTA KTEWLDGKHV VFGKVKEGMN IVEAMERFGS RNGKTSKKIT ISDCGQL
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	20.4 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: Liquid, In Phosphate buffered saline (pH 7.4) containing 10% glycerol, 1 mM DTT
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant mouse ppiA, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_032933</a>
<b>Locus ID:</b>	268373
<b>UniProt ID:</b>	<a href="#">P17742</a> , <a href="#">Q5SVY2</a>
<b>Cytogenetics:</b>	11 3.97 cM
<b>Synonyms:</b>	2700098C05; Cphn; CyP-18; CypA



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**Summary:**

PPIase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding.[UniProtKB/Swiss-Prot Function]

**Product images:**