

Recombinant Rat ATP2B4 Protein, His-tagged

Cat. No. ATP2B4-865R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat ATP2B4 Protein(NP_001005871)(Pro1018~Val1203), fused to N-terminal His tag, was expressed in E.coli.
Species	Rat
Source	E.coli
ProteinLength	Pro1018~Val1203
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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Reconstitution Reconstitute in PBS or others.**GENE INFORMATION****Gene Name** [Atp2b4 ATPase, Ca++ transporting, plasma membrane 4 \[Rattus norvegicus \]](#)**Official Symbol** [ATP2B4](#)**Synonyms** ATP2B4; ATPase, Ca++ transporting, plasma membrane 4; plasma membrane calcium-transporting ATPase 4; plasma membrane calcium pump; plasma membrane Ca²⁺-ATPases 4; plasma membrane calcium ATPase; PMCA4;**Gene ID** [29600](#)**mRNA Refseq** [NM_001005871](#)**Protein Refseq** [NP_001005871](#)**UniProt ID** [Q64542](#) Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA