

Recombinant Human ATP2B4 protein, His-tagged

Cat. No. ATP2B4-2588H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATP2B4 protein(281-345 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	281-345 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	GIILTLG V N E D D E G E K K K K G K K Q G V P E N R N K A K T Q D G V A L E I Q P L N S Q E G I D N E E K D K K A V K V P
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name [ATP2B4 ATPase, Ca⁺⁺ transporting, plasma membrane 4 \[Homo sapiens \]](#)

Official Symbol [ATP2B4](#)

Synonyms [ATP2B4](#); [ATPase, Ca⁺⁺ transporting, plasma membrane 4](#); [ATP2B2, matrix remodelling associated 1](#) , [MXRA1](#); [plasma membrane calcium-transporting ATPase 4](#); [plasma membrane calcium transporting ATPase 4](#); [PMCA4](#); [sarcolemmal calcium pump](#); [matrix-remodeling-associated protein 1](#); [MXRA1](#); [ATP2B2](#); [PMCA4b](#); [PMCA4x](#); [DKFZp686M088](#); [DKFZp686G08106](#);

Gene ID [493](#)

mRNA Refseq [NM_001001396](#)

Protein Refseq [NP_001001396](#)

MIM [108732](#)

UniProt ID [P23634](#)

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