

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	GIILTLLGVNEDDEGEKKKKGKKQGVPENRNKAKTQDGVALEIQPLNSQEGIDNEEK DKKAVKVP
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-modeling-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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