

Recombinant Human ATP2B4 protein, GST-tagged

Cat. No. ATP2B4-301117H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATP2B4 (281-345 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly281-Pro345
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	GIILTLLGVNEDDEGEKKKKGKKQGVPENRNKAKTQDGVALEIQPLNSQEGIDNEEK DKKAVKVP
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
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.

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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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