

ATPase, Na⁺/K⁺ Transporting Beta 3 Polypeptide (ATP1b3) Recombinant Protein | ATP1b3 recombinant protein

Recombinant ATPase, Na⁺/K⁺ Transporting Beta 3 Polypeptide (ATP1b3)

CATALOG # AAA135543	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

ATPase; Na⁺/K⁺ Transporting Beta 3 Polypeptide (ATP1b3); Recombinant ATPase; ATP1b3 recombinant protein

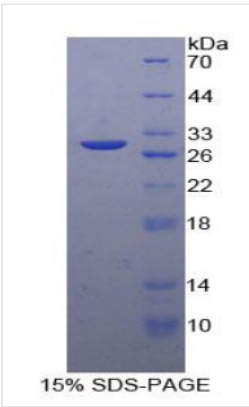
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	400 ug/mL (varies by lot)
Applicable Applications for ATP1b3 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Met61~Phe273
Tags	N-terminal His Tag
Subcellular Location	Membrane, Chromosome
Traits	Freeze-dried powder
Predicted isoelectric point	7.1
Predicted Molecular Mass	27.6kDa
Accurate Molecular Mass	27kDa as determined by SDS-PAGE reducing conditions.
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES

MLQTLNDEVP KYRDQIPSPG LMVFPKPVTA LEYTFSRSDP
TSYAGYIEDL KFLKPYTLE EQKNLTVCPO GALFEQKGPV YVACQFPISL
LQACSGMNDP DFGYSQGNPC ILVKNNRIIG LKPEGVPRID CVSKNEDIPN
VAVYPHNGRI DLKYFPYYGK KLHVGYLQPL VAVQVSFAPN NTGKEVTVEC
KIDGSANLKS QDORDKFLGR VMF

Gene Sequence



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502281
NCBI GeneID	483
NCBI Accession #	NP_001670.1
NCBI GenBank Nucleotide #	NM_001679.2
UniProt Accession #	P54709
NCBI Official Full Name	sodium/potassium-transporting ATPase subunit beta-3
NCBI Official Synonym Full Names	ATPase, Na ⁺ /K ⁺ transporting, beta 3 polypeptide
NCBI Official Symbol	ATP1B3
NCBI Official Synonym Symbols	CD298; ATPB-3
NCBI Protein Information	sodium/potassium-transporting ATPase subunit beta-3; sodium pump subunit beta-3; Na, K-ATPase beta-3 polypeptide; sodium/potassium-dependent ATPase beta-3 subunit; sodium/potassium-dependent ATPase subunit beta-3; sodium/potassium-transporting ATPase beta-3 chain; sodium-potassium ATPase subunit beta 3 (non-catalytic)
UniProt Protein Name	Sodium/potassium-transporting ATPase subunit beta-3
UniProt Gene Name	ATP1B3
UniProt Synonym Gene Names	ATPB-3
UniProt Entry Name	AT1B3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.