

ATPase Recombinant Protein | ATP2A2 recombinant protein

Recombinant ATPase, Ca++ Transporting, Cardiac Muscle, Slow Twitch 2 (ATP2A2)

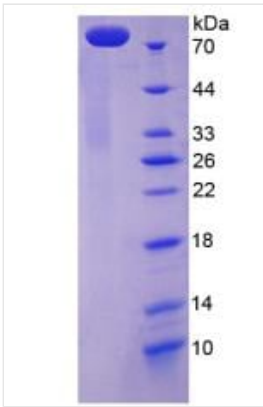
CATALOG # AAA144104	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

ATPase; Recombinant ATPase; Ca++ Transporting; Cardiac Muscle; Slow Twitch 2 (ATP2A2); ATP2A2 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>90%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags.His-t agandGST-t ag,itssequ enceislist edbelow.ITTCLAL GTRRMAKKNA IVRSLPSVET LGCTSVICSD KTGTLTNNQM SVCRMFILDR VEGDTCSLNE FTITGSTYAP IGEVHKDDKP VNCHQYDGLV ELATICALCN DSALDYNEAK GVEYKVGAT ETALTCLVEK MNVFDTELKG LSKIERANAC NSVIQMLMK EFTLEFSRDR KSMSVYCTPN KPSRTSMSKM FVKGAPGVI DRCTHIRVGS TKVPMTSGVK QKIMSVIREW GSGSDLRCL ALATHDNPLR REEMHLEDSA NFIKYETNLT FVGCVGMLDP PRIEVASSVK LCRQAGIRVI MITGDNKGTA VAICRRIGIF GQDEDVTSKA FTGREFDELN PSAQRDACLN ARCFARVEPS HSKKIVEFLQ SFDEITAMTG DGVNDAPALK KAEIGIAMGS GTAVAKTASE MVLADDNFST IVAAVEEGRA IYNNM
Sequence Length	323
Applicable Applications for ATP2A2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	78.2kDa
Accurate Molecular Mass (KD)	78kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and GST-tag
Organism Species	Homo sapiens (Human)
Fragment	Ile315~Met756
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	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. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



ITTCLA LGTRRMAKKN AIVRSLPSVE TLGCTSVICS
DKTGTLLTNQ MSVCRMFILD RVEGDTCSLN EFTITGSTYA PIGEVHKDDK
PVNCHQYDGL VELATICALC NDSALDYNEA KGVYEKVGEA TETALTCLVE
KMNVFDTELK GLSKIERANA CNSVIKQLMK KEFTLEFSRD RKSM SVYCTP
NKPSRTSMK MFVKGAPGV IDRCTHIRVG STKVPMTSGV KQKIMSVIRE
WGSQSDTLRC LALATHDNPL RREEMHLED ANFIKYETNL TFVGCVGMLD
PPRIEVASSV KLCRQAGIRV IMITGDNKGT AVAICRRIGI FGQDEDVTSK
AFTGREFDEL NPSAQRDACL NARCFARVEP SHKSKIVEFL QSFDEITAMT
GDCVNDAPAL KKAIEIGIANG SGTAVAKTAS ENVLADDNFS TIVAAVEEGR
AIYNNM

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	325384
Molecular Weight	36,343 Da
NCBI Official Full Name	atpase
UniProt Protein Name	Atpase
UniProt Gene Name	atpase
UniProt Entry Name	Q67474_FRG3V

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.