

Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (Atp2a2) Recombinant Protein | Atp2a2 recombinant protein

Recombinant Mouse Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (Atp2a2) , partial

CATALOG #
AAA115996

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (Atp2a2); Recombinant Mouse Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (Atp2a2); partial; Atp2a2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	314-756. Partial
Sequence	VITTCLALGT RRMAKKNAIV RSLPSVETLG CTSVICSDKT GTLTTNQMSV CRMFILDKVE GDTCSLNEFS ITGSTYAPIG EVQKDDKPVK CHQYDGLVEL ATICALCND S ALDYNEAKGV YEKVGEATET ALTCLVEKMN VFDTELKGLS KIERANACNS VIKQLMKKEF TLEFSRDRKS MSVYCTPNKP SRTSMSKMFV KGAPEGVIDR CTHIRVGSTK VPMTPGVKQK IM SVIREWGS GSDTLRCLAL ATHDNPLKRE EMHLEDSANF IKYETNLTFV GCVGMLDPPR IEVASSVKLC RQAGIRVIMI TGDNKGTA VA ICRRIGIFGQ DEDVTSKAF T GREFDELSPS AQRDACLNAR CFARVEPSHK SKIVEFLQSF DEITAMTGDG VNDAPALKKS EIGIAMGSGT AVAKTASEMV LADDNFSTIV AAVEEGRAIY NNM
Species	Mus musculus (Mouse)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

NCBI AND UNIPROT INFORMATION

NCBI GI #	158635979
NCBI GeneID	11938
NCBI Accession #	NP_001103610.1
NCBI GenBank Nucleotide #	NM_001110140.3
UniProt Accession #	O55143; Q9R2A9; Q9WUT5
Molecular Weight	109,753 Da
NCBI Official Full Name	sarcoplasmic/endoplasmic reticulum calcium ATPase 2 isoform b
NCBI Official Synonym Full Names	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2
NCBI Official Symbol	Atp2a2
NCBI Official Synonym Symbols	SERCA2; SERCA2B; Serca2a; D5Wsu150e; mKIAA4195; 9530097L16Rik
NCBI Protein Information	sarcoplasmic/endoplasmic reticulum calcium ATPase 2
UniProt Protein Name	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2

UniProt Gene Name	Atp2a2
UniProt Synonym Gene Names	SERCA2; SR Ca(2+)-ATPase 2

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.

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Online datasheet: <https://www.aaabiotech.com/atp2a2-recombinant-protein-e-coli/115996>