

Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (ATP2A2) Recombinant Protein | ATP2A2 recombinant protein

Recombinant Dog Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (ATP2A2)

CATALOG #
AAA115680

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (ATP2A2); Recombinant Dog Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (ATP2A2); Recombinant Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (ATP2A2); Sarcoplasmic/endoplasmic reticulum calcium ATPase 2; SERCA2; SR Ca(2+)-ATPase 2 EC= 3.6.3.8; Calcium pump 2 Calcium-transporting ATPase sarcoplasmic reticulum type; slow twitch skel; 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, provide the first intracellular domain, include the domain Interaction with phospholamban 1 and domain Interaction with HAX1.
Sequence	VITTCLALGT RRMAKKNAIV RSLPSVETLG CTSVICSDKT GTLTNQMSV CRMFILDRVE GDSCSLNEFT ITGSTYAPIG EVHKDDKPVK CHQYDGLVEL ATICALCND S ALDYNEAKGV YEKVGEATET ALTCLVEKMN VFDTELKGLS KIERANACNS VIKQLMKKEF TLEFSRDRKS MSVYCTPNKP SRTSMKMFV KGAPEGVIDR CTHIRVGSTK VPMTPGVKQK VMSVIREWGS GSDTLRCLAL ATHDNPLRRE EMNLED SANF IKYETNLTFV GCVGMLDPPR IEVASSVKLC RQAGIRVIMI TGDNKGTA VA ICRRIGIFGQ DEDVTSK AFT GREFDELSPS AQRDACLNAR CFARVEPSHK SKIVEFLQSF DEITAMTGDG VNDAPALKKS EIGIAMGSGT AVAKTASEMV LADDNFSTIV AAVEEGRAIY NNM
Sequence Length	756
Species	Canis familiaris (Dog) (Canis lupus familiaris)
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50978982
NCBI GeneID	403878
NCBI Accession #	NP_001003214.1
NCBI GenBank Nucleotide #	NM_001003214.1
UniProt Accession #	O46674
Molecular Weight	109,653 Da
NCBI Official Full Name	sarcoplasmic/endoplasmic reticulum calcium ATPase 2
NCBI Official Symbol	ATP2A2
NCBI Official Synonym Symbols	SERCA2A

NCBI Protein Information	sarcoplasmic/endoplasmic reticulum calcium ATPase 2; SERCA2; calcium pump 2; SR Ca(2+)-ATPase 2; endoplasmic reticulum class 1/2 Ca(2+) ATPase; sarcoplasmic reticulum Ca2+-transport ATPase isoform; calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform
UniProt Protein Name	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2
UniProt Gene Name	ATP2A2
UniProt Synonym Gene Names	SERCA2
UniProt Entry Name	AT2A2_CANFA

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/115680>